

REFERENCES



ABOUT COMPANY

NCEC Group is a family-owned group of mid-sized companies with over 60 years of experience. The company pioneered the Representation business in Nepal with its incorporation on September 8, 1958 by Indra Mani Rajbhandari. We specialize in representing international companies in Nepal and have a diverse investment portfolio.

Our main business is helping global companies enter and succeed in the Nepalese market. We've supported over 100 companies worldwide.

We focus on long-term, sustainable growth through majority shareholdings, but we also participate in minority stakes or joint ventures when needed.

AS A TEAM, WE BELIEVE IN “SUSTAINABLE PARTNERSHIP”, AND OUR PROMISE IS : “PUTTING QUALITY FIRST”.

WE ARE CHANNEL PARTNERS FOR

Atlas Copco

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Avery Weigh-Tronix

BROKK

PENETRON
TOTAL CONCRETE PROTECTION

KOCHENDÖRFER
GERMAN hydropower TECHNOLOGY

REFERENCES
Equipment

NCEC est. 1958

LIKHU-1 HYRDOPOWER PROJECT (77 MW)



ATLAS COPCO COMPRESSOR XA187 AT SITE

Likhu 1 hydroelectric plant is a hydroelectric power plant under construction in Gumdel Village, Ramechhap District, Janakpur Zone, Bagmati Province, Nepal. It has a capacity of producing 77 MW of hydroelectricity.

Project Duration: 2017-2024

Contractor: Sumo Construction and engineering Pvt. Ltd.

Project Location: Likhu

Machines Model Used During Project: Atlas Copco Power Technique - XA187 & XA500E

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

SUMO CONSTRUCTIONS (PVT) LTD

TANAHU HYRDOPOWER PROJECT (140 MW)



ATLAS COPCO COMPRESSOR XA187 AT SITE

Tanahu Hydropower Limited (THL), a subsidiary of Nepal Electricity Authority, was established in 2012 to develop the 140 MW Tanahu Hydropower Project. Located 150 km west of Kathmandu on the Seti River near Damauli in Tanahu District, the storage-type plant supplies peak power for at least 6 hours daily. Power is transmitted via a 40 km, 220 kV double circuit line to the New Bharatpur sub-station.

Project Duration: NP

Contractor: Kalika Construction Pvt. Ltd.

Project Location: Tanahu

Machines Model Used During Project: Atlas Copco Power Technique - XA187 & XAT266

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

KALANGA GAD HYROELECTRIC PROJECT (72 MW)



ATLAS COPCO COMPRESSOR XAT 266 AT SITE

Kalanga Gad Hydro Electric Project of 15.33 MW capacity, is a run-of-river type project located in Sunkuda and Khiratadi VDCs of Bajhang district of Seti Zone of Far – Western Region of Nepal.

Project Duration: NP

Contractor: Sunam Infrastructure Nirman Pvt Ltd

Project Location: Bajhang

Machines Model Used During Project: Atlas Copco Power Technique - XA187 & XAT266

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

LOWER ERUKHUWA HYRDOPOWER PROJECT (14 MW)



ATLAS COPCO COMPRESSOR XA187 AT SITE

The Lower Erkhuwa hydropower Project, located in Nepale Dada and Chauki Dada VDC of Bhojpur District, is approximately 12 km upstream from Tumlingtar. The Project is a run-of-river hydropower having design discharge of 1.20 m3 /s. The plant will utilize a net head of 146 m and is expected to generate approximately 79.8 GWh of energy annually.

Project Duration: NP

Contractor: Devkota-Pabita JV

Project Location: Bajhang

Machines Model Used During Project: Atlas Copco Power Technique - XA187, XAS400-100, XAS550-150

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

DEVKOTA-PABITA JV

RAHUGHAT MANGALE HYRDOPOWER PROJECT (37 MW)



ATLAS COPCO COMPRESSOR XA187 AT SITE

Rahughat Mangale Hydropower Project is a hydroelectric power plant constructed in Myagdi District, Janakpur Zone Nepal. It has a capacity of producing 37 MW of hydroelectricity with the use of the water source from Rahughat Khola.

Project Duration: NP

Contractor: Devkota Nirman Sewa Pvt. Ltd.

Project Location: Rahughat

Machines Model Used During Project: Atlas Copco Power Technique - XAS400-100

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

DEVKOTA NIRMAN SEWA

SOLU KHOLA DUDHKOSHI HYRDOPOWER PROJECT (86 MW)



ATLAS COPCO COMPRESSOR XA187 AT SITE

Solu Khola (Dudhkoshi) Hydroelectric Project (SKDKHEP) is an 86 MW Run Of River (RoR) type of project located at Solududhkunda Municipality & Thulung Dudh Koshi Gaupalika (Former Tingla, Kangel & Panchan VDCs) of Solukhumbu District, Nepal. The project area is about 130 km (aerial) east of Kathmandu.

Project Duration: 2018-2022

Contractor: CE Construction Pvt. Ltd.

Project Location: Solu

Machines Model Used During Project: Atlas Copco Power Technique - XA187,XAT266

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

CE CONSTRUCTION PVT. LTD.

SUPERMADI HYRDOPOWER PROJECT (44 MW)



ATLAS COPCO COMPRESSOR XA187 AT SITE

The 44 MW Super Madi Hydroelectric Project in Kaski district began supplying 15 MW of electricity to Nepal's grid. Located 23 km northeast of Pokhara, it aims to generate 242.65 GWh annually.

Project Duration: NP

Contractor: Fewa Construction Pvt. Ltd.

Project Location: Tanting

Machines Model Used During Project: Atlas Copco Power Technique - XA187

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

Fewa Construction

UPPER RAHUGHAT HYRDOPOWER PROJECT (48.5 MW)



ATLAS COPCO COMPRESSOR XAT 197 AT SITE

The Upper Rahughat Hydropower Project in Myagdi district, Nepal, is a 48.5 MW initiative developed by the Nepal Electricity Authority. It includes a diversion dam, headrace tunnel, and powerhouse, and aims to enhance the national grid's capacity. Funded by government and international loans, it will significantly boost Nepal's renewable energy output and support local development once completed.

Project Duration: Ended in 2023

Contractor: High Himalaya Hydro Construction Pvt. Ltd.

Project Location: Taplejung

Machines Model Used During Project: Atlas Copco Power Technique - XAT197 & XAS550-150

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

3HC®

KABELI-3 HYRDOPOWER PROJECT (21.93 MW)



ATLAS COPCO COMPRESSOR XAS400-100 AT SITE

The project, **Kabeli-3 Hydropower Project**, is Run-Of-River (ROR) type project. The project is designed to produce 21.93 MW of electricity by utilizing the water of Kabeli Khola in Khewang, Mehele, Paidang, Mamangkhe, and Tellok (Taplejung).

Project Duration: NP

Contractor: Bhugol Infrastructure Company

Project Location: Taplejung

Machines Model Used During Project: Atlas Copco Power Technique - XAS400-100, XA400E

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

Bhugol Infrastructure Company Pvt. Ltd. Lalitpur, Nepal

UPPER MAILUNG HYRDOPOWER PROJECT (14.3 MW)



ATLAS COPCO COMPRESSOR XA187 AT SITE

Upper Mailung Khola Jalvidhyut Aayojana (MMKJA) is a 14.3 MW run-of-river (RoR) project located in Uttargaya Rural Municipality ward no: 1 (previously Haku and Dadagaun VDC), Rasuwa District, Bagmati Province, Nepal. The Project is being developed by Mathillo Mailun Khola Jalvidhyut Ltd. The project diverts Mailung River with a watershed area of 72 km² at the proposed intake.

Project Duration: NP

Contractor: Tribeni Bramayani Construction Pvt. Ltd.

Project Location: Rasuwa

Machines Model Used During Project: Atlas Copco Power Technique - XA187

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

TRIBENI BRAMAYANI CONSTRUCTION

ARUN III HYDROPOWER PROJECT (900 MW)



ATLAS COPCO COMPRESSOR XA187 AT SITE

Arun III is a hydropower project under construction on the Arun River in Sankhuwasabha District of Province 1, Nepal. The project is of **900 megawatts** capacity and will be the largest hydropower plant in South Asia. It is constructed by **SJVN Arun III Power Development Company Private Limited**.

Project Duration: 2018-2024

Contractor: Patel Engineering Limited
Project Location: Powerhouse, Sankhuwasabha

Contractor: Jai Prakash Associates Limited
Project Location: Fakshinda, Damsite - Sankhuwasabha

Contractor: SSNR Projects Private Limited
Project Location: Powerhouse, Sankhuwasabha

Machines Model Used During Project: Atlas Copco Power Technique – XA187, XA316

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

JAYPEE GROUP

Patel Since 1949

SSNR

DORDI KHOLA HYDROPOWER PROJECT(12 MW)



ATLAS COPCO COMPRESSOR XAS400-100 AT SITE

Dordi-1 Hydroelectric Project is being developed by Dordi Khola Jal Bidyut Company Ltd (DKJBCL). The project is a Run of River type Hydropower project with generating capacity of 12 MW.

Project Duration: NP

Contractor: Mountain Infra Company Pvt. Ltd

Project Location: Dordi, Lamjung

Machines Model Used During Project: Atlas Copco Power Technique – XA400E, XA187

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

Bhugol Infrastructure Company Pvt. Ltd. Lalitpur, Nepal

MOUNTAIN INFRA COMPANY LIMITED

NILGIRI KHOLA II HYDRO POWER PROJECT (71 MW)



ATLAS COPCO COMPRESSOR XAT266 AT SITE

The construction of **Nilgiri Khola-2 'Cascade' Hydropower Project** with a capacity of 71 MW has been completed in Narchang, Annapurna Rural Municipality-4 of Myagdi. The Nilgiri Khola Cascade is the largest hydropower project constructed in Myagdi so far.

Project Duration: NP

Contractor: CE Construction Pvt. Ltd.

Project Location: Annapurna District, Myagdi

Machines Model Used During Project: Atlas Copco Power Technique – XA187 XAT266, XAS550-150

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

CE CONSTRUCTION PVT. LTD.

MIDDLE HONGU KHOLA-B HYDROPOWER PROJECT(22 MW)



ATLAS COPCO COMPRESSOR XAS550 AT SITE

Mid Hongu Khola 'A' Hydropower Project is of 22 MW which is under construction phase. The project is located in Eastern Region/Province 1, Solukhumbu district. The Intake site is at Chheskam and Powerhouse Site is at Bun and Gundel of Solukhumbu.

Project Duration: NP

Contractor: Apex Makalu Hydropower Limited

Project Location: Hongbu Khola, Solu

Machines Model Used During Project: Atlas Copco Power Technique – XAS400-100,XAS550-150

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

SOLU KHOLA (DUDHKOSHI) HYDRO POWER PROJECT (86 MW)



ATLAS COPCO COMPRESSOR XA187 AT SITE

Solu Khola (Dudhkoshi) Hydroelectric Project (SKDKHEP) is an 86 MW Run Of River (RoR) type of project located at Solududhkunda Municipality & Thulung Dudh Koshi Gaupalika (Former Tingla, Kangel & Panchan VDCs) of Solukhumbu District, Sagarmatha Zone, Nepal.

Project Duration : 2023

Contractor: CE Construction Pvt. Ltd. & Sahas Urja Pvt. Ltd.

Project Location: Thulung, Dudhkoshi, Solu

Machines Model Used During Project: Atlas Copco Power Technique – XA187,XAT266

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

SAHAS URJA

CE CONSTRUCTION PVT. LTD.

MIDDLE MEWA HYDROPOWER PROJECT (73.5 MW)



ATLAS COPCO COMPRESSOR XA187 AT SITE

The Middle Mewa Hydropower Project is one of the very few Peaking Run of River (PROR) type projects in Nepal. The project is proposed in Mewa river in Taplejung District of eastern Nepal. The project shall utilize the design discharge of 12.56 m3/s to generate 73.5 MW.

Project Duration: NP

Contractor: CE Construction Pvt. Ltd. & Urja Pvt. Ltd.

Project Location: Mikhwa Khola, Taplejung

Machines Model Used During Project: Atlas Copco Power Technique – XA187,XAT266,XAS550

Purpose of machines deployed: Drilling & Shotcreting

Equipment Principal Company

Atlas Copco

Constructed By

CE CONSTRUCTION PVT. LTD.

URJA

DHARAHARA TOWER



ATLAS COPCO COMPRESSOR XAS550 AT SUNDHARA

The newly constructed Dharahara in Kathmandu, standing 72 meters tall with 22 stories, is built using reinforced concrete and steel to meet modern seismic standards. It features a deep pile foundation, seismic dampers, and base isolators for enhanced earthquake resilience. It is constructed by GIETC-Raman JV.

Project Duration: Sept. 2018 –April 2021

Contractor: GIETC-RAMAN JV

Project Location: Sundhara, Kathmandu

Machines Model Used During Project: Atlas Copco Power Technique – XA127, XAS550-150

Purpose of machines deployed: Drilling

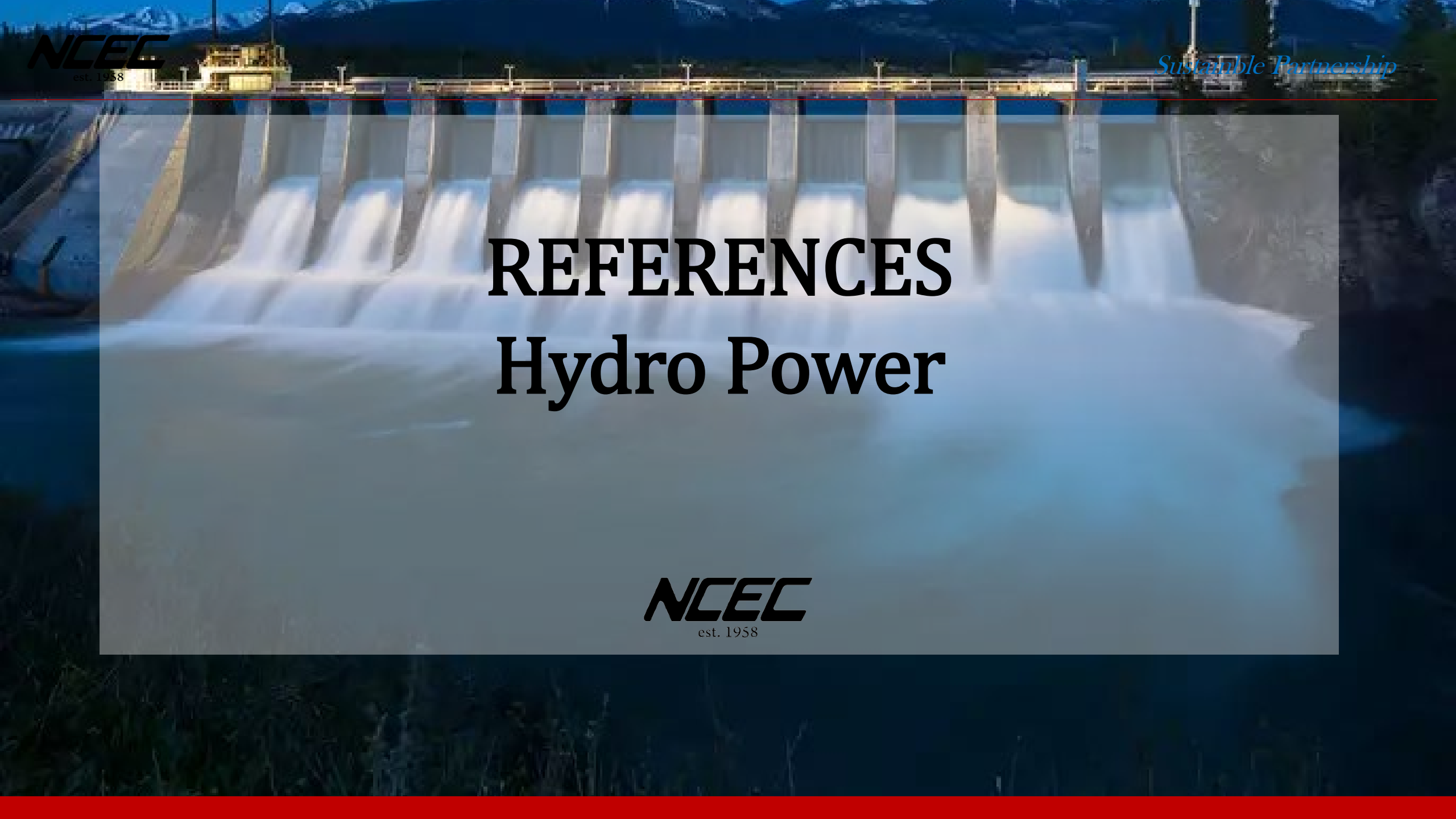
Equipment Principal Company

Atlas Copco

Constructed By

Raman Construction (Pvt.) ltd. Janakpur-9, Dhanusha

IETC



REFERENCES
Hydro Power

NCEC est. 1958

ARUN III HYDROPOWER PROJECT (900 MW)



EPIROC BOOMER L2D AT ADIT-4,ARUN III (PATEL ENGG)

Arun III is a hydropower project under construction on the Arun River in Sankhuwasabha District of Province 1, Nepal. The project is of **900 megawatts** capacity and will be the largest hydropower plant in South Asia. It is constructed by **SJVN Arun III Power Development Company Private Limited**.

Project Duration: 2018-2024

Contractor: Patel Engineering Limited
Project Location: Powerhouse, Sankhuwasabha

Contractor: Jai Prakash Associates Limited
Project Location: Fakshinda, Damsite - Sankhuwasabha

Contractor: SSNR Projects Private Limited
Project Location: Powerhouse, Sankhuwasabha

Machines Model Used During Project: EPIROC - BOOMER L2D, AIRROC T25, FLEXIROC T20R, POWERROC T35

It will generate about 4,018.87 million units of electricity annually.

Equipment Principal Company

Epiroc

Constructed By

एसजेवीएन SJVN

Contractors

Patel Since 1949

JAYPEE GROUP

SSNR

ARUN III HYDROPOWER PROJECT (900 MW)



EPIROC FLEXIROC T20R AT ADIT-4 POWERHOUSE



EPIROC AIRROC T25 AT SURGESHAFT

Equipment Principal Company

Epiroc

Constructed By

एसजेवीएन SJVN

Contractors

Patel Since 1949

JAYPEE GROUP

SSNR

ARUN III HYDROPOWER PROJECT (900 MW)



EPIROC POWERROC T35 AT DAMSITE, ARUN III



EPIROC BOOMER AT ADIT-2, ARUN III

Equipment Principal Company

Epiroc

Constructed By

एसजेवीएन
SJVN

Contractors

Patel Since 1949

JAYPEE GROUP

SSNR

NAGDHUNGA TUNNEL PROJECT (2688 M)



EPIROC HAGGLOADER 7HR-B OUTSIDE THE EAST PORTAL OF NAGDHAUNGA TUNNEL

Nagdhunga tunnel is a under-construction highway tunnel connecting Sisnekhola of Dhading district and Nagdhunga in Kathmandu. The tunnel has a **height of 8.3m** and have a **lane of 9.5m wide**. The **length** of the tunnel is **2688 m**. The contractor of the project is **Hazama Ando Corporation**. The cost estimate of the project is about NPR 22 billion.

Project Duration: 2019-2024

Contractor: Hazama Ando Corporation

Project Location: Sisne Khola, Dhading

Machines Model Used During Project: EPIROC - BOOMER 352, BOOMER H195, HAGGLOADER 7HR-B / 10 HR-B

Purpose of machines deployed: Face Drilling / Rockbolting / Tunnel Mucking / Scaling

Equipment Principal Company

Epiroc

Constructed By

HAZAMA ANDO CORPORATION

NAGDHUNGA TUNNEL PROJECT (2688 M)



EPIROC BOOMER AT TUNNEL CONSTRUCTION OF NAGDHUNGA TUNNEL



EPIROC HAGGLOADER 10HR-B INSIDE WEST PORTAL OF NAGDHUNGA TUNNEL

Equipment Principal Company

Epiroc

Constructed By

HAZAMA ANDO CORPORATION

KABELI-A HYDROPOWER PROJECT (37.6 MW)



EPIROC BOOMER 282 AT OUTLET SITE

The project, **Kabeli-A Hydropower Project**, is Peaking Run-Of-River (PROR) type project with a peaking reservoir constructed by damming Kabeli River at headworks. The water from the reservoir will be diverted through a 4.5 km long tunnel into a Powerhouse located on the left bank of Tamor River generating 37.6 MW.

Prospected Project Duration: 2024-2027

Contractor: Sherpa Hydro Construction Private Limited

Project Location: Pinaseghat, Panchthar

Machines Model Used During Project: EPIROC – BOOMER L2D

Purpose of machines deployed: Face Drilling / Rock Bolting

Equipment Principal Company

Epiroc

Constructed By

SHERPA HYDRO CONSTRUCTION Pvt. Ltd.

A Class Contractor Build for Nation

SETI KHOLA HYDROPOWER PROJECT (22 MW)



EPIROC BOOMER 282 & SERPENT VENTILATION AVH90 AT OUTLET SITE

Seti Khola Hydropower Project is a **run-of-river type project** with an installed capacity of 22 MW designed to generate **133.432 GWh energy** annually. The project area is located between the elevation of **633 meters** and 500 meters above mean sea level. It is in the middle reaches of Seti Khola in Kaski District, Gandaki Province, Nepal.

Prospected Project Duration: 2022-2025

Contractor: Fewa Construction Private Limited

Project Location: Kotre, Kaski

Machines Model Used During Project: EPIROC – BOOMER 282, SERPENT VENTILATION AVH90

Purpose of machines deployed: Face Drilling / Rock Bolting / Defuming / Fresh Air Circulation

Equipment Principal Company

Epiroc

Constructed By

Fewa Construction

UPPER KALANGA GAD HYDROPOWER PROJECT (38.46 MW)



EPIROC AIRROC T25 AT UPPER KALANGA GAD HPP

The project site is located in Kalanga Gad (River), Bajhang District of Far Western Province of Nepal. It is a run of River Project with gross head of 585.50 m.

Project Duration: 2018-2023

Contractor: Sunam Infrastructure Nirman Private Limited

Project Location: Bajhang

Machines Model Used During Project: EPIROC – AIRROC T25

Purpose of machines deployed: Anchoring / Slope Cutting

Equipment Principal Company

Epiroc

Constructed By

NUPCHE LIKHU HYDROPOWER PROJECT (54 MW)



EPIROC BOOMER 282 AT NUPCHE LIKHU HEP

The **Nupche Likhu Hydropower Project** in Ramechhap district uses water from the Nupche and Likhu rivers. Water from these rivers meets at a tunnel junction via headrace pipes, then flows through a single tunnel, steel penstock, vertical shaft, and tunnel to the powerhouse to generate electricity. The **headworks site** is located about **6-7 km upstream** from their confluence.

Prospected Project Duration: 2018-2025

Contractor: Sunam Infrastructure Nirman Private Limited

Project Location: Umakunda, Ramechhap

Machines Model Used During Project: EPIROC – BOOMER 282, AIRROC T25

Purpose of machines deployed: Face Drilling / Rock Bolting / Anchoring / Slope Cutting

Equipment Principal Company

Epiroc

Constructed By

NUPCHE LIKHU HYDROPOWER PROJECT (54 MW)



EPIROC AIRROC T25 AT NUPCHE LIKHU HEP

UPPER TRISHULI-1 HYDROELECTRIC PROJECT (216 MW)



EPIROC BOOMER L2D AT UPPER TRISHULI-1 HEP

The **Upper Trishuli-1 Hydroelectric Project** is a **216 MW run-of-river scheme** on the Trishuli River, producing **1533.06 GWh** annually. The project consists of 29.5m high Dam, Underground Desander, 9.8 km long Headrace Tunnel (HRT), Surge Tank and Underground Power House as the main structures.

Prospected Project Duration: 2022-2026

Contractor: Power Construction Corporation of China Limited

Project Location: Rasuwa

Machines Model Used During Project: EPIROC – BOOMER L2D

Purpose of machines deployed: Face Drilling / Rock Bolting

Equipment Principal Company

Epiroc

Constructed By

中国电建 POWERCHINA

TANAHUN HYDROPOWER PROJECT (140 MW)



EPIROC POWERROC T35 AT TANAHUN HEP

The **Tanahu Hydropower Project**, located on the right bank of the Seti River near Damauli, Tanahu District, is a storage-type project with a **140 MW** capacity and an annual energy generation of **585.7 GWh**. It features a 140m high concrete gravity dam, a 295 million m³ storage reservoir, a 7.4m diameter underground tunnel of 1,388.75m length, and an underground powerhouse with two Francis turbines.

Prospected Project Duration: 2020-2026

Contractor: Kalika Construction Private Limited

Project Location: Tanahun

Machines Model Used During Project: EPIROC – POWERROC T35

Purpose of machines deployed: Slope Cutting / Rock Bolting

Equipment Principal Company

Epiroc

Constructed By

RAHUGHAT HYDROPOWER PROJECT (40 MW)



EPIROC BOOMER 282 AT RAHUGHAT HEP

Rahughat HPP is a semi reservoir type project of capacity 40 MW under construction in Raghuganga Rural Municipality of Myagdi district.

Contractor: Jaiprakash Associates Private Limited

Project Location: Myagdi

Machines Model Used During Project: EPIROC – BOOMER 282

Purpose of machines deployed: Face Drilling/ Rock Bolting

Equipment Principal Company

Epiroc

Constructed By

JAYPEE GROUP

MIDDLE TAMOR HPP (73 MW)



EPIROC BOOMER L2D AT MIDDLE TAMOR HPP

Middle Tamor Hydropower Project (MTHP) is a run-of river (RoR) project with an installed capacity of 73 MW. The headworks (HW) of the project is located in Phungling Municipality and the Powerhouse (PH) is located in Mikwa Khola Rural Municipality at the right bank of the Tamor River in Taplejung district. The project consists of 100 m long underground settling basin, Underground Desander, 3,367 m long headrace tunnel (concrete lining and shotcrete) with excavated diameter of 6.5 m and Underground Power House as the main structures.

Prospected Project Duration: 2017-2024

Contractor: Bavari Construction Private Limited

Project Location: Taplejung

Machines Model Used During Project: EPIROC – BOOMER L2D

Purpose of machines deployed: Face Drilling / Rock Bolting

Equipment Principal Company

Epiroc

Constructed By

BAVARI

BAVARI CONSTRUCTION PVT. LTD.

UPPER ARUN ACCESS ROAD PROJECT (285 MW)



EPIROC BOOMER 282 AT UPPER ARUM ACCESS ROAD PROJECT

A 2-km tunnel and a 21-km access road have been constructed in preparation for the Upper Arun Hydropower Project.

Prospected Project Duration: 2024-2026

Contractor: Kankai International Builders Limited

Project Location: Gola, Sankhuwasabha

Machines Model Used During Project: EPIROC – BOOMER 282

Purpose of machines deployed: Face Drilling / Rock Bolting

Equipment Principal Company

Epiroc

Constructed By

KANKAI INTERNATIONAL BUILDERS P. LTD.

UPPER TAMOR HYDROPOWER PROJECT (285 MW)



EPIROC BOOMER L2D AT UPPER TAMOR HEP

Upper Tamor Hydropower Project is a **285MW** hydro power project, a semi-reservoir-based project set to be the largest hydropower initiative undertaken by the domestic private sector in Nepal. It is planned on Upper Tamor river/basin in Mechi, Nepal.

Prospected Project Duration: 2024-2027

Contractor: Fewa Construction Private Limited

Project Location: Taplejung

Machines Model Used During Project: EPIROC – BOOMER L2D

Purpose of machines deployed: Face Drilling / Rock Bolting

Equipment Principal Company

Epiroc

Constructed By

FEWA CONSTRUCTION

LIKHU-A HYDROELECTRIC PROJECT(29MW)



EPIROC BOOMER 282 AT LIKHU-A HEP

Likhu A Hydropower Project is a **29MW** hydro power project.The project is constructed in the Likhu river flowing through the border of Solukhumbu & Ramechap districts.

Project Duration: 2018-2022

Contractor: Sumo Construction & Engineering Private Limited

Project Location: Ramechhap

Machines Model Used During Project: EPIROC – BOOMER 281/282,AIRROC T25,SERPENT VENTILATION

Purpose of machines deployed: Face Drilling / Rock Bolting, Surface Drilling, Defuming & Fresh air circulation

Equipment Principal Company

Epiroc

Constructed By

MV Dugar Group

LIKHU-1 HYDROELECTRIC PROJECT (77 MW)



EPIROC BOOMER 282 AT LIKHU-1 HEP

Likhu 1 is a **77MW** hydro power project.

Project Duration: 2018-2023

Contractor: Sumo Construction & Engineering Private Limited

Project Location: Ramechaap

Machines Model Used During Project: EPIROC- BOOMER 281/282, AIRROC T25,Serpent Ventilation

Purpose of machines deployed: Face Drilling /Rock Bolting, Surface Drilling, Defuming & Fresh air circulation

Equipment Principal Company

Epiroc

Constructed By

MV Dugar Group

LIKHU-2 HYDROELECTRIC PROJECT (55 MW)



EPIROC BOOMER 282 AT LIKHU-2 HEP

Likhu 2 is a 55MW hydro power project. It is planned on Likhu Khola river/basin in Sagarmatha, Nepal.

Project Duration: 2018-2023

Contractor: Sumo Construction & Engineering Private Limited

Project Location: Ramechaap

Machines Model Used During Project: EPIROC – BOOMER 281/282,AIRROC T25,SERPENT VENTILATION

Purpose of machines deployed: Face Drilling / Rock Bolting,Surface Drilling,Defuming & Fresh air circulation

Equipment Principal Company

Epiroc

Constructed By

MV Dugar Group

LIKHU-1 HYDROELECTRIC PROJECT (77 MW)



SERPENT VENTILATION AT CHARI ADIT,LIKHU-2 HEP



AIRROC T25 AT OUTLET OF LIKHU-2 HEP

Equipment Principal Company

Epiroc

Constructed By

MV Dugar Group

LIKHU-4 HYDROELECTRIC PROJECT (52.4 MW)



EPIROC BOOMER L2D AT LIKHU-4 HEP

Likhu IV is 52.4 MW run-of-river hydro electric project along Likhu River and is located around 220 KM from Kathmandu, capital of Nepal. The project has favorable hydrology and is easily accessible. The project is being developed by Green Ventures Pvt. Ltd

Project Duration: 2017-2021

Contractor: Sumo Construction & Engineering Private Limited

Project Location: Ramechaap

Machines Model Used During Project: EPIROC – BOOMER L2D ,AIRROC T25

Purpose of machines deployed: Face Drilling / Rock Bolting ,Surface Drilling

Equipment Principal Company

Epiroc

Constructed By

SAI
South Asian Infrastructure

MIDDLE MEWA HYDROELECTRIC PROJECT (73.5 MW)



EPIROC BOOMER L2D AT MIDDLE MEWA HEP

Middle Mewa **(73.5 MW)** Hydroelectric Project, Nepal Middle Mewa is peaking run-of-river type hydropower project with installed capacity of 73.5 MW located at Taplegunj district, Nepal. Salient features of the project include: gross head of 475m, 5,430 m head race tunnel, design discharge of 19.02 m/s.

Project Duration: 2020-2025

Contractor: CE Construction Private Limited

Project Location: Taplejung

Machines Model Used During Project: EPIROC – BOOMER L2D,AIRROC T25

Purpose of machines deployed: Face Drilling / Rock Bolting, Surface Drilling

Equipment Principal Company

Epiroc

Constructed By

CE CONSTRUCTION PVT. LTD.

NILGIRI II HYDROELECTRIC PROJECT (71 MW)



EPIROC AIRROC T25 AT NILGIRI II HEP

Nilgiri Khola Hydropower Company Ltd. has developed Nilgiri Khola-II Hydroelectric Project. Nilgiri Khola-II Hydropower Project has been developed as cascade project of upstream Nilgiri Khola-I Hydropower Project. The Projects are basically a Run-of-River type scheme.

Project Duration: 2017-2022

Contractor: CE Construction Private Limited

Project Location: Myagdi

Machines Model Used During Project: EPIROC – AIRROC T25

Purpose of machines deployed: Surface Drilling

Equipment Principal Company

Epiroc

Constructed By

CE CONSTRUCTION PVT. LTD.

MELAMCHI WATER SUPPLY PROJECT



BOOMER L2D AT AMBATHAN ADIT OF MELAMCHI WATER SUPPLY PROJECT

The **Melamchi Water Supply Project** (MWSP) is considered to be the most viable long-term alternative to ease the chronic water shortage situation within the Kathmandu Valley. The Project is designed to divert about 170 MLD of fresh water coming through 26km long tunnel from the Melamchi River in Sindhupalchowk district to Kathmandu Valley.

Project Duration: 2014-2022

Contractor: CMC Di Ravenna,Italy

Project Location: Sindhupalchowk

Machines Model Used During Project: EPIROC – BOOMER L2D/282,Haggloader 7 HR,AIRROC 203/542

Purpose of machines deployed: Face Drilling / Rock Bolting,Mucking, Slope Cutting

Equipment Principal Company

Epiroc

Constructed By

c. m. c. cooperativa muratori cementisti ravenna

SUPER NYADI HYDROPOWER PROJECT (40.27 MW)



AIRROC T25 AT POWERHOUSE OF SUPER NYADI HPP

The, Super Nyadi HPP, run-of-river project will have 6.7 km long tunnel with gross head of 690 meters. The power house will have 2 Pelton turbines with 22MW capacity each. When fully operational, the power plant will generate 495.5 lakh units electricity during dry season and 2013.2 units electricity in the wet season.

Contractor: RK Hydro & Engineering Associates Private Limited

Project Location: Lamjung

Machines Model Used During Project: EPIROC – AIRROC T25

Purpose of machines deployed: Surface Drilling/Slope Cutting

Equipment Principal Company

Epiroc

Constructed By

RK Hydro Engineering & Associates Pvt. Ltd. Kathmandu



REFERENCES
Manufacturing

NCEC est. 1958

ANNAPURNA MACHHA DANA UDHYOG PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA26 FF10 UD+ OPT
AT ANNAPURNA MACHHA DANA UDYOG PVT. LTD.

Annapurna Machha Dana Udyog Pvt. Ltd. manufactures and provides variety of fish feeds scientifically formulated which provides complete nutritional balanced diet in a concentrated and stable form. These feeds helps fish to grow to their maximum potential.

Plant Location: Khaireni, Chitwan

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA26 FF10 UD+ OPT

Purpose of machines deployed: Processing for Aquatic Feed

No. of machines installed: 1

Equipment Principal Company

Atlas Copco

Purchased By

अन्नपूर्ण
माछा झोला उद्योग प्रा. लि

ANTARCTIC BISCUITS PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA11 FF 7.5 TM x 3 AT ANTARCTIC BISCUITS PVT. LTD.

Annapurna Machha Dana Udyog Pvt. Ltd. manufactures and provides variety of cookies and biscuits thus, providing complete nutritional balanced diet.

Plant Location: HID, Hetauda

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA11 FF 7.5 TM x 3

Purpose of machines deployed: Processing for Biscuits and cookies

No. of machines installed: 3

Equipment Principal Company

Atlas Copco

Purchased By

ANTARCTIC BISCUITS PVT. LTD.

ASHOK STEEL INDUSTRIES PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA26 AT ASHOK STEEL INDUSTRIES PVT. LTD.

Ashok Steel Industries Pvt. Ltd. is located at Jitpur, near Simra in Nepal. It produces a range of quality steel rolled products for the construction industry. The plant at Jitpur is equipped with all modern lab facilities and enforces strict quality control measures at every stage of production to ensure uniformly high quality in end products. The plant is also benefited by technical assistance from India, France and Japan.

Plant Location: Simara

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA26 P10/ S_GA90 P 10 / GA45P 7.5/ GA30+ P 1

Purpose of machines deployed: Produce a wide range of quality steel rolled products for construction

No. of machines installed: 4

Equipment Principal Company

Atlas Copco

Purchased By

ASIAN PAINTS PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA37 VSD+ AT ASIAN PAINTS PVT. LTD.

Asian Paints Pvt. Ltd. started its operation in 1983. It is a subsidiary company of Asian Paints Ltd. in India. It is the largest paint company in Nepal with its manufacturing facility located at Hetauda Industrial Estate.

Plant Location: HID, Hetauda

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA37 VSD+, GA18 VSD+ GX4 P 10 TM

Purpose of machines deployed: Used in production unit and other pneumatic application

No. of machines installed: 4

Equipment Principal Company

Atlas Copco

Purchased By

asianpaints

BOTTLERS NEPAL PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR 2DX2-85 VSD AT BOTTLERS NEPAL LTD.

The Bottlers Nepal Limited group, established in 1973 in Nepal, continues to be engaged in the production, manufacture, sale, distribution and supply of soft drinks being carbonated non-alcoholic beverages, fruit juice and packaged drinking water under the brand names - Coca-ColaÂ®, SpriteÂ®, FantaÂ®, Coke ZeroÂ® and KinleyÂ®.

Plant Location: Balaju, Kathmandu

Machines Model Used During Project: Atlas Copco – Industrial Technique: ZD132/ ZS10

Purpose of machines deployed: Used for manufacturing and processing unit for Coca-Cola

No. of machines installed: 3

Equipment Principal Company

Atlas Copco

Purchased By

Coca-Cola Bottlers Nepal Limited

BOTTLERS NEPAL PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR ZS 18 AT BOTTLERS NEPAL LTD.

CG CEMENT INDUSTRIES PALPA PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA45 AT CG CEMENT INDUSTRIES PALPA PVT. LTD.

CG Cement has one operating unit in Nepal and is building a clinkerization plant in Palpa, which will allow the process to be backwardly integrated. A further plant is proposed in Sri Lanka, and more are planned for various locations. The Production capacity of this cement plant is 1.5 Million Tons per Annum of Cement, with a clinkerisation capacity of 1.3 Million Ton per Annum

Plant Location: Palpa

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA45/75/90/ G110/ G160

Purpose of machines deployed: Used for manufacturing and processing unit of Cement Plant

No. of machines installed: 13

Equipment Principal Company

Atlas Copco

Purchased By

CG CEMENT

DABUR NEPAL PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA55 x 3 AT DABUR NEPAL PVT. LTD.

Dabur Nepal Pvt. Ltd. is one of the leading FMCG Company. Dabur Nepal's includes 5 flagship brands--Health care, Personal care, Homecare, Foods & Ayurvedic specialist.

Plant Location: Rampur, Tokani, Bara

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA55 x 3

Purpose of machines deployed: Process and manufacture of health benefit product with blending method of different traditional knowledge of Ayurveda

No. of machines installed: 3

Equipment Principal Company

Atlas Copco

Purchased By

Dabur

EVEREST PARENTERAL PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR ZR55-10 AT EVEREST PARENTERAL PVT. LTD.

Everest Parenterals Pvt. Ltd. is the first state-of-the-art sterile injectable manufacturing facility in Nepal. It is the first plant in Nepal that facilitates the manufacturing of Large Volume Parenterals, Small Volume Parenterals, Eye/Ear Drops & Nasal Spray under one roof.

Plant Location: Chhatapipara, Bara

Machines Model Used During Project: Atlas Copco – Industrial Technique: ZR55 -10/ GA22 P 10 FM

Purpose of machines deployed: Used for processing manufacturing of sterile injectable. Pneumatic application for the manufacture of Eye, Ear Drop & Nasal Spray.

No. of machines installed: 2

Equipment Principal Company

Atlas Copco

Purchased By

EVEREST parenterals

HIMAL IRON & STEEL PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA37 VSD+ P AT HIMAL IRON & STEEL PVT. LTD.

Himal Iron and Steel (P) Ltd was established in 1961. It has since emerged as a pioneering force in Nepal's iron and steel industry. The company began with the production of plain bars and subsequently led the nation into self sufficiency in the reinforced steel industry.

Plant Location: Parwanipur

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA37 VSD+ P

Purpose of machines deployed: Produce a wide range of quality steel rolled products for construction

No. of machines installed: 1

Equipment Principal Company

Atlas Copco

Purchased By

हिमाल स्टील

HIMAL TEA INDUSTRIES PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GX5 P 10 TM AT HIMAL TEA INDUSTRIES PVT. LTD.

Himal Tea Industries Pvt Ltd is one of the oldest manufacturers of Nepali Tea. The tea estate of was founded by Ram Kumar Rathi in the late 1970s. The brand has been formed from his name Ra-Ku-Ra. The company has ensured successful export of Nepalese tea in both, packages and bulk to multi-nationals as well as reputed tea connoisseurs around the world. Today, Rakura's teas are also retailed at various high-end tea stores located in several countries–under Rakura's estate name, Maloom Tea.

Plant Location: Biratnagar

Machines Model Used During Project: Atlas Copco – Industrial Technique: GX5 P 10 TM

Purpose of machines deployed: Used for processing & manufacturing of Green, Black and CTC Tea

No. of machines installed: 1

Equipment Principal Company

Atlas Copco

Purchased By

Rakura™

HULAS INFRA PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA110 VSD+ P 13
AT HULAS INFRA PVT. LTD.

Hulas Infra is the most emerging company in Nepal in the segments of pre-engineered buildings. Hulas Infra has been on a rapid rise to industry leadership in terms of quality work, volumes, and customer satisfaction by investing in people and technology.

Plant Location: Birgunj

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA110 VSD+ P 13

Purpose of machines deployed: Used for processing & manufacturing of PEB (Pre-engineered Buildings, Prefab Structure, processing in Pipe Galvanizing, Roofing Accessories and sheets.

No. of machines installed: 1

Equipment Principal Company

Atlas Copco

Purchased By

HULAS INFRA

HULAS STEEL INDUSTRIES PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR G160 V2 AT HULAS STEEL INDUSTRIES PVT. LTD.

Hulas Steel was established in 1981 as a joint venture between Golchha Organisation of Nepal and Comcraft of Switzerland. Founded in 1934 by Seth Sri Ram Lal Golchha, the company produces a wide range of products, from stainless steel to food items, and are trusted household names across Nepal.

Plant Location: Simara

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA15 P 7.5 TM, GA22 P10 TM, GA55 P 10, GA132 P 8.5, G160 V2

Purpose of machines deployed: Used for processing & manufacturing of PEB (Pre-engineered Buildings, Prefab Structure, processing in Pipe Galvanizing, Roofing Accessories and sheets.

No. of machines installed: 10

Equipment Principal Company

Atlas Copco

Purchased By

Hulas Steel

HULAS STEEL INDUSTRIES PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA15 AT HULAS STEEL INDUSTRIES PVT. LTD.

JAGADAMBA SPINNING MILLS PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA75+ 10 FF
AT JAGADAMBA SPINNING MILLS PVT. LTD.

Renowned and recognized for introducing innovation in processing, developing and manufacturing fiber-based yarn products, Jagdamba Spinning Mills Pvt. Ltd. is Nepal's leading yarn manufacturer. Their mill utilizes advanced production technologies coupled with a flexible production facility that allows us to produce 100% polyester yarn, polyester viscose blended yarn, and acrylic yarn - all at various counts.

Plant Location: Bhairahawa

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA75+ 10 FF

Purpose of machines deployed: Used for processing of Yarn Fiber

No. of machines installed: 2

Equipment Principal Company

Atlas Copco

Purchased By

JAGDAMBA SPINNING MILLS

JAY SPINNING MILLS PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA30 AT JAY SPINNING MILLS PVT. LTD.

Jay Spinning (P) Ltd began its operations in 2012. It operates at the site of Jyoti Spinning Mills Ltd, established in 1989. It is one of Nepal's largest textile yarn spinning mills. It specializes in manufacture of cotton, polyester, viscose, polyester/cotton, polyester/viscose and blend yarns in various counts for domestic as well export demand.

Plant Location: Birgunj

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA30/ GA37/ GA55

Purpose of machines deployed: Used for processing Yarn Fiber

No. of machines installed: 6

Equipment Principal Company

Atlas Copco

Purchased By

JYOTI

SHIVAM CEMENTS LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA160 AT SHIVAM CEMENTS LTD.

Founded in 2003, Shivam Cements began commercial production in 2011 and is Nepal's largest Greenfield project. It produces 3000 TPD cement and 1900 TPD clinker from its own limestone quarries. Converted into a public limited company in 2015, Shivam Cements aimed to provide quality OPC cement to reduce Nepal's dependence on imports. Located in Hetauda, the plant uses advanced European and Danish technology, and its high-quality limestone ensures strong, durable cement.

Plant Location: Hetauda

Machines Model Used During Project: Atlas Copco – Industrial Technique: GAe30/ G110/ G132/ GX47/ GX7

Purpose of machines deployed: Used for manufacturing and processing unit of Cement Plant

No. of machines installed: 23

Equipment Principal Company

Atlas Copco

Purchased By

SHIVAM CEMENT

SHUBHASHREE AGNI CEMENT UDHYOG PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA90 AT SHUBHASHREE AGNI CEMENT UDHYOG PVT. LTD.

Shubhashree Agni Cement Udhyog Pvt. Ltd., established in 2017, started its production in the year 2019. Their cement has become a milestone in Nepal for sustainable production of building material in-house with the use of premium quality limestone. Shubhashree agni cements has it's own mines in Pyuthan and Dang district having low mgo limestone deposit. The low mgo limestones are ideal materials to produce high quality cement of 43 and 53 grades.

Plant Location: Arghakhanchi

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA90/ GA75VSD/ GA37/ GA18

Purpose of machines deployed: Used for manufacturing and processing unit of Cement Plant

No. of machines installed: 8

Equipment Principal Company

Atlas Copco

Purchased By

SHUBHASHREE
Agni Cement Udhyog Pvt. Ltd.

TRIVENI SPINNING MILLS PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR ZR55-10 AT TRIVENI SPINNING MILLS PVT. LTD.

Triveni Spinning Mills (TSM) Ltd is one of the many manufacturing ventures of Triveni Group. TG is amongst the leading business houses of Nepal that has set its footprints in almost every sector of businesses ranging from manufacturing to retail. TSM is one such entity under the TG umbrella which aims to produce yarn locally to uplift the standard of living of the Nepalese people by not only giving them a better quality product, but also at highly affordable prices.

Plant Location: Chhatapipara, Bara

Machines Model Used During Project: Atlas Copco – Industrial Technique: ZR160/ GA37

Purpose of machines deployed: Used for processing and production of Yarn of Fiber

No. of machines installed: 12

Equipment Principal Company

Atlas Copco

Purchased By

TRIVENI SPINNING MILLS PVT. LTD.

QUEST PHARMACEUTICALS PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR ZR75 VSDFF AT QUEST PHARMACEUTICALS PVT. LTD.

Founded in 2001, Quest Pharmaceuticals is a leading healthcare company in Nepal, known for producing high-quality, affordable medications. As pioneers in cardiac and anti-diabetic products, they were the first in Nepal to manufacture soft gelatin capsules. Their offerings include tablets, capsules, ointments, creams, gels, and solutions. Quest is committed to elevating Nepal's healthcare standards and is certified for Good Manufacturing Practice by the WHO.

Plant Location: Chhatapipara, Bara

Machines Model Used During Project: Atlas Copco – Industrial Technique: ZR75 VSDFF

Purpose of machines deployed: Used for the production of medicine by ensuring contamination-free production, maintain high product quality, and comply with stringent regulatory standards.

No. of machines installed: 2

Equipment Principal Company

Atlas Copco

Purchased By

QUEST PHARMACEUTICALS

NATIONAL HEALTHCARE PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR ZR55 VSD AT NATIONAL HEALTHCARE PVT. LTD.

National Healthcare Pvt. Ltd., Established in the year 1996, is one of the leading pharmaceutical companies of Nepal. They manufacture, distribute and market quality pharmaceutical products throughout the country.

Plant Location: Birgunj

Machines Model Used During Project: Atlas Copco – Industrial Technique: ZR55 VSD/ ZT75VSD FF

Purpose of machines deployed: Used for the production of pharmaceutical products; especially medicine

No. of machines installed: 2

Equipment Principal Company

Atlas Copco

Purchased By

National Healthcare

ASHWIN MEDICAL COLLEGE AND HOSPITAL PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA22 (MED) AT ASHWIN MEDICAL COLLEGE AND HOSPITAL PVT. LTD.

Ashwin Medical College (Nepal Mediciti) first hospital to get NABH (National Accreditation Board for Hospitals & Healthcare Providers) accredited hospital in the country, with capacity of 750 beds. The hospital offers the largest critical care program in the country, with over 75 beds in various Intensive Care Units.

Plant Location: Nakhu, Kathmandu

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA22 med

Purpose of machines deployed: Used for orthopedic, dental and for oxygen supply in emergency cases.

No. of machines installed: 4

Equipment Principal Company

Atlas Copco

Purchased By

NEPAL MEDICITI®
For a Healthy & Prosperous Nation

DOLPHIN FEEDS PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA30 P A 10
AT DOLPHIN FEEDS PVT. LTD.

Dolphin Feeds Pvt. Ltd., established in 2012 A.D. A dietary animal feed production company is involved in manufacturing animal feed rich in nutrients required for domesticated animals and birds. Talking about its output, it produces 5 tons of poultry feeds per hour. Produced feeds for poultry are supplied directly to the market as well as farmers.

Plant Location: Nepalgunj

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA30 P A 10

Purpose of machines deployed: Used for the production of feeds & for pneumatic operations.

No. of machines installed: 1

Equipment Principal Company

Atlas Copco

Purchased By

DOLPHIN GROUP

TEN STEELS PVT.LTD



ATLAS COPCO INDUSTRIAL COMPRESSOR GA37 P A 10 AT TEN STEELS PVT. LTD.

Ten Steels Pvt. Ltd., established in the year 2019, is one of the leading steel companies of Nepal. They manufacture, distribute and promote MS tube, sheet & shutter items throughout the country.

Plant Location: Nawalparasi

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA37 P A 10/GA22 P A 10

Purpose of machines deployed: Used for the production of MS Pipe,Cut to Length(CTL) & for Pneumatic Operations.

No. of machines installed: 2

Equipment Principal Company

Atlas Copco

Purchased By

10 STEELS

TG AUTO GROUP PVT.LTD



ATLAS COPCO INDUSTRIAL COMPRESSOR GA18 FF/GA18 VSD P 13

The Triveni Group ventured into the automobile industry in 2022 by becoming the exclusive distributor for Royal Enfield & started its CKD plant in 2023.

Plant Location: Birgunj

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA18 VSD P 13/GA18 FF A 10

Purpose of machines deployed: Used for the operation of pneumatic tools at their CKD Plant.

No. of machines installed: 2

Equipment Principal Company

Atlas Copco

Purchased By

TRIVENI
A Promise for Life

LAXMI MOTOR CORPORATION PVT.LTD



ATLAS COPCO INDUSTRIAL COMPRESSOR GA22 VSD+ FF AT LAXMI MOTOR CORPORATION PVT. LTD.

Laxmi Group established in 1973 A.D as a small confectionary company. With time Laxmi Group involved in many manufacturing & trading segment & established first Nepali CKD plant for four wheelers in 2022 with the collaboration of Hyundai.

Plant Location: Nawalprasi

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA22 VSD+ FF/GA18 P A 10

Purpose of machines deployed: Used for the operation of pneumatic tools at their CKD Plant.

No. of machines installed: 2

Equipment Principal Company

Atlas Copco

Purchased By

Laxmi Group
Exploring & Learning

JAI HARI AGRO PVT.LTD



ATLAS COPCO INDUSTRIAL COMPRESSOR GA45 VSD P A 13 AT JAI HARI AGRO PVT. LTD.

Jai Hari Agro Pvt.Ltd established in 2022 as a family owned business in Nawalparasi and has been involved in trading business of rice/grain/oil since last four decade, They have been using Atlas Copco Air compressor for the efficient operation of sophisticated sorter and all other machines.

Plant Location: Nawalparasi

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA45 VSD P A 13/OGA 15 UD+/G5 FF P A 10

Purpose of machines deployed: Used for the production of rice. Used in sorter,packaging machine,etc.

No. of machines installed: 3

Equipment Principal Company

Atlas Copco

Purchased By

।। श्री जगेश्वर नमः ।।
जय हरि एग्रो प्रा. लि.

SURYA NEPAL PVT.LTD



ATLAS COPCO INDUSTRIAL COMPRESSOR ZT30 FF AT SURYA NEPAL

Surya Nepal Private Limited (SNPL) is an Indo-Nepal-UK joint venture, which started operations in Nepal in 1986. Surya Nepal Private Limited is one of the largest private sector enterprises in Nepal and a subsidiary of ITC Limited, India. The balance shares are held by Local Nepalese individuals & Corporate shareholders and British American Tobacco (Investment) Limited, UK.

Machines Model Used During Project: Atlas Copco – Industrial Technique: ZT30 FF/GA11 VSD+

Purpose of machines deployed: Used for the production of tobacco, safety matches, confectionary

No. of machines installed: 4

Equipment Principal Company

Atlas Copco

Purchased By

SURYA NEPAL

GLOBAL AUTOMOBILES PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR G11 FF A 10 AT GLOBAL AUTOMOBILES

Global Automobiles Pvt.Ltd is one of the venture of Vishal Group in an automobile segment for the production of two wheelers at their CKD plant in collaboration with Suzuki.

Plant Location: Birgunj

Machines Model Used During Project: Atlas Copco – Industrial Technique: G11 FF A 10

Purpose of machines deployed: Used for the operation of pneumatic tools assembling Suzuki two wheelers.

No. of machines installed: 1

Equipment Principal Company

Atlas Copco

Purchased By

VISHAL

Y.R TYRE IND. PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR GA18 P 10 TM AT YR. TYRE IND.

Y.R Tyre Industry is an ambitious project, with its headquarters in Kathmandu and its main production center in Neurani, Chitwan. YR Tyre is high tech company which is manufacturing tyres in Nepal with supply chain spreading globally. It aims to be the leading supplier of motorcycle, scooter and three wheeler tyres in Nepal and build its own industrial base.

Plant Location: Chitwan

Machines Model Used During Project: Atlas Copco – Industrial Technique: GA 18 P 10 TM

Purpose of machines deployed: Used for the pneumatic operation.

No. of machines installed: 1

Equipment Principal Company

Atlas Copco

Purchased By

Y. R. TYRE Industries Pvt. Ltd.

BUDDHA AIR PVT. LTD.



ATLAS COPCO INDUSTRIAL COMPRESSOR G7 P 10 TM
AT BUDDHA AIR

Buddha Air Pvt. Ltd. is an airline based in Kathmandu, Nepal. The airline was established on 23 April 1996 as a Private Limited Company It operates domestic flights within Nepal as well as international services to India, mainly Varanasi Its main base is Tribhuwan International Airport, Kathmandu.

Plant Location: Kathmandu

Machines Model Used During Project: Atlas Copco – Industrial Technique: G7 P 10 TM

Purpose of machines deployed: Used for the pneumatic operation for sand blasting and paint job.

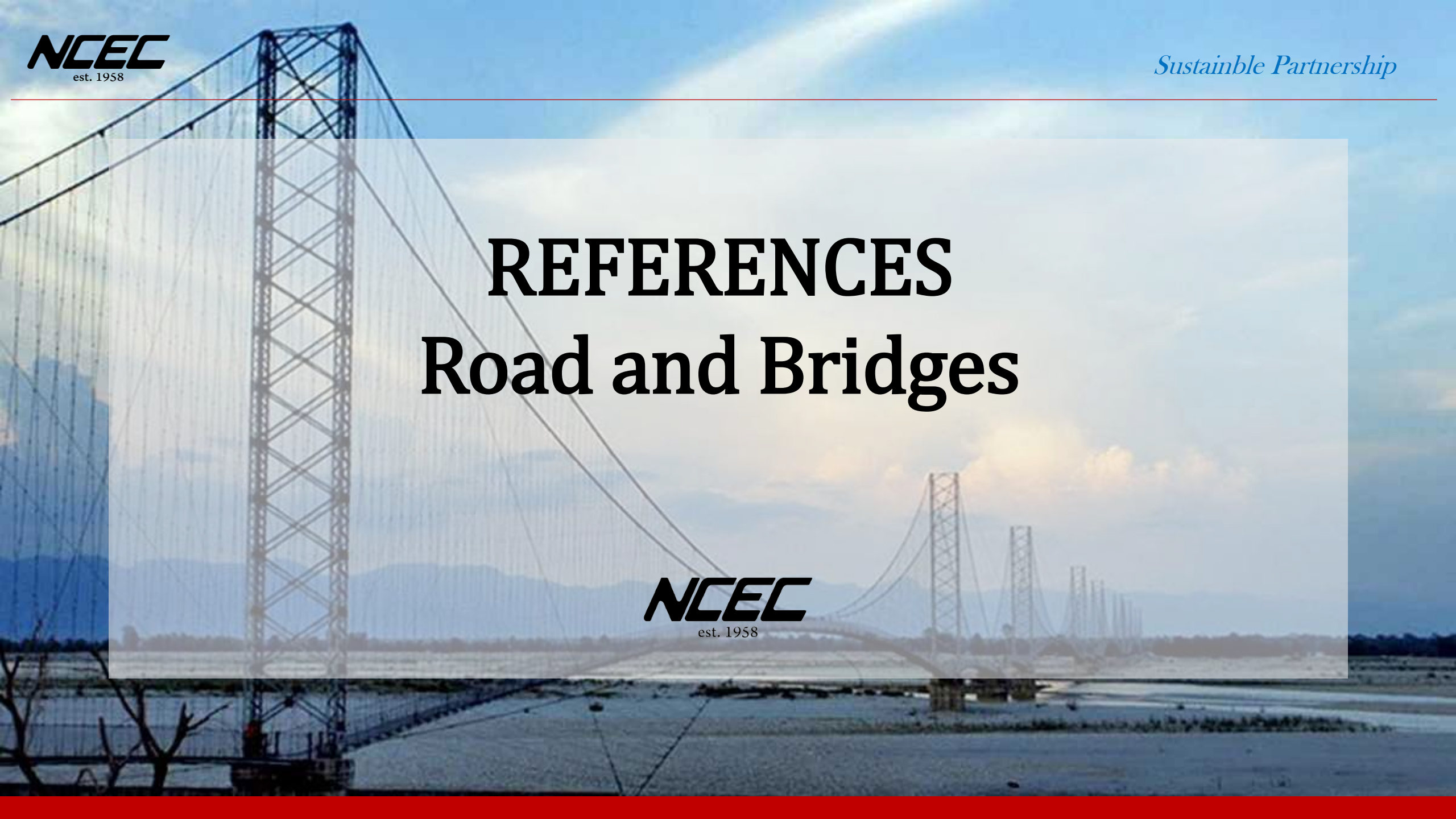
No. of machines installed: 1

Equipment Principal Company

Atlas Copco

Purchased By

Buddha Air



REFERENCES
Road and Bridges

NCEC
est. 1958

MUGLIN-NARAYANGHAT ROAD UPGRADATION AND EXPANSION PROJECT (33 km)



ATLAS COPCO SINGLE DRUM VIBRATORY ROLLER AT MUGLIN-NARAYANGHAT ROAD UPGRADATION AND EXPANSION

Muglin -Narayanghat road upgradation and expansion project Madan Ashrit Highway also known as Muglin - Narayangadh Highway is one of Nepal's busiest international roadway link, carrying 90% of all international traffic, or about 20,000 vehicles daily. The 36 km road connects Narayangadh and Mugling. A 33.2 km section was being widened from 5 meters to 9–11 meters, and was finished in June 2018. It connects to Prithvi Highway at Mugling and Mahendra Highway at Narayanghat.

Project Duration: 2016-2018

Contractor: BLA - Shrestha Construction Company JV
Project Location: Anptari Dasdhunga

Contractor: Lama and Sharma Company JV
Project Location: Dasdhunga to Simaltal

Contractor: Rautaha Construction
Project Location: Simaltal to Muglin

Machines Model Used During Project: Atlas Copco- Single Drum Vibratory Roller; CA255/CP275, CA255D

Purpose of machines deployed: Compact Wet MixMacadam

Equipment Principal Company

Atlas Copco

Constructed By

BLA-SHRESTHA CONSTRUCTION JV
LAMA AND SHARMA COMPANY JV
RAUTAHA CONSTRUCTION

DHARAN-CHATARA-KATARI-HETAUDA ROAD PROJECT



EPIROC HAGGLOADER 7HR-B OUTSIDE THE EAST PORTAL OF NAGDHAUNGA TUNNEL

The **Dharan-Chatara-Gaighat-Sindhuli-Hetauda** road, part of the larger Madan Bhandari Highway project, was constructed at a cost of around Rs 22 billion. This two-lane road has significantly benefited residents of four inner Terai districts: **Makwanpur, Sindhuli, Udayapur, and Sunsari**.

Project Duration: 2016-2019

Dharan-Chatara-Katari Road Project-134 km
Contractor: ZIEC-SHARMA-LAMA JV
Project Location: Dharan – Chatara – Bhiman

Dharan-Chatara-Sindhuli-Hetauda Road Project-115 km
Contractor: Kalika – Swachhanda – Raken JV
Project Location: Bhiman – Hetauda

Machines Model Used During Project: ATLAS COPCO – CA255 and CC425

Purpose of machines deployed: Compact WMM/ ASPHALT

Equipment Principal Company

Atlas Copco

Constructed By

ZIEC-SHARMA-LAMA JV
KALIKA-SWACHHANDA-RAKEN JV

GALCHHI – TRISHULI –MAILUNG DOUBLE LANE ROAD PROJECT



DYNAPAC TANDEM CC425 ON WORKING MODE AT GALCHHI

The Galchi-Trishuli-Mailung Road is being upgraded to a dedicated double lane standard.

Project Duration: 2016-2019

Contractor: Tundi Construction – Kobec – Rasuwa JV

Project Location: Dhading, Nuwakot, and Rasuwa

Machines Model Used During Project: DYNAPAC - CA255, CC425

Purpose of machines deployed: Compact WMM / Asphalt

Equipment Principal Company

DYNAPAC FAYAT GROUP

Constructed By

TUNDI CONSTRUCTION – KOBEC – RASUWA JV





GALCHHI – TRISHULI –MAILUNG DOUBLE LANE ROAD PROJECT

BARDIYA MUNICIPALITY ROAD IMPROVEMENT AND EXPANSION PROJECT



ATLAS COPCO SOIL COMPACTOR CA255 ON THE ROAD OF GULARIYA

The construction of a blacktopped ring road, inner roads, and drains in Gulariya Municipality, Bardiya.

Project Duration: 2017-2019

Contractor: Tundi Construction Company Limited

Project Location: Gulariya

Machines Model Used During Project: DYNAPAC - CA255/CC425

Purpose of machines deployed: Face Compaction WMM/Asphalt

Equipment Principal Company

Atlas Copco

Constructed By:

NAGDHUNGA – NAUBISE – MUGLIN ROAD PROJECT



DYNAPAC TANDEM CC425 AT MALEKHU

Project Duration: 2022-2023

Contractor: 1) Jiangsu – Sagun JV
2) Sharma – Lama – ZICG JV

Project Location: Nagdhunga – Naubise – Malekhu

Machines Model Used During Project: DYNAPAC - CC425/ CA255

Purpose of machines deployed: Compaction WMM/ Asphalt

Equipment Principal Company

DYNAPAC FAYAT GROUP

Constructed By:

JIANGSU – SAGUN JV
SHARMA – LAMA – ZICG JV

MUGLING – ABUKHAIRENI – POKHARA ROAD PROJECT



DYNAPAC PTR ON THE MUGLING ABUKHAIRENI POKHARA ROAD

Project Duration: 2020 - ONGOING

Contractor: Anhui Kaiyuan Highway and Bridge Co. Ltd.

Project Location: Muglin – Abukhaireni

Machines Model Used During Project: DYNAPAC - CP275

Purpose of machines deployed: To release air voids through static load on asphalt

Equipment Principal Company

DYNAPAC FAYAT GROUP

Constructed By

中煤矿建

NEPALGUNJ – GULARIA ROAD PROJECT (2688 M)



ATLAS COPCO TANDEM CC385HF

The construction work on a 27.62 kilometer stretch including an 11.6 kilometer four-lane and a 16.2- kilometer two-lane section has been started from January 29, 2023 to be completed by December 12, 2025.

Project Duration: 2023-2025

Contractor: Sharma and Company Pvt. Ltd.

Project Location: Khajura, Nepalgunj

Machines Model Used During Project: DYNAPAC - TANDEM CC385HF

Purpose of machines deployed: Compact Asphalt

Equipment Principal Company

Atlas Copco

Constructed By

SHARMA & COMPANY
Builders, Engineers & Contractors

IMPROVEMENT AND EXPANSION ROAD PROJECT: CHABAHIL TO JORPATI (4KM)



DYNAPAC SINGLE DRUM SOIL COMPACTOR CA255D AT JORPATI ROAD

Project Duration: 2015-2018

Contractor: United Builders and Engineers

Project Location: Boudha – Jorpati

Machines Model Used During Project: DYNAPAC – CA255D

Purpose of machines deployed: COMPACTION WMM

Equipment Principal Company

DYNAPAC FAYAT GROUP

Constructed By

ESTD: 2038

POSTAL HIGHWAY ROAD PROJECT- BELDANDI –DAJJI (22K M)



DYNAPAC SOIL COMPACTOR CA255D

The construction work on a 62 kilometer stretch of road western Terai of Hulaki Rajmarga from Dokebazzar-Balauri-Beldandi- Dajji was started in 2017.

Project Duration: 2017-2023

Contractor: Rajendra Nirman Sewa Pvt. Ltd.

Project Location: Jhapa

Machines Model Used During Project: DYNAPAC – CA255D

Purpose of machines deployed: COMPACTION WMM

Equipment Principal Company

DYNAPAC FAYAT GROUP

Constructed By

RAJENDRA NIRMAN SEWA

POSTAL HIGHWAY PROJECT-BELAURI -BELDANDI (20 KM)



DYNAPAC SOIL COMPACTOR CA255D

The construction work on a 62 kilometer stretch of road western Terai of Hulaki Rajmarga from Dokebazzar-Balauri-Beldandi- Dajji was started in 2017.

Project Duration: 2017-2023

Contractor: Siddi Sai Nirman Sewa Pvt. Ltd.

Project Location: Jhapa

Machines Model Used During Project: DYNAPAC – CA255D

Purpose of machines deployed: COMPACTION WMM

Equipment Principal Company	Constructed By
DYNAPAC FAYAT GROUP	SIDDI SAI NIRMAN SEWA

IMPROVEMENT AND EXPANSION ROAD PROJECT: CHABAHIL TO JORPATI (4KM)



DYNAPAC SINGLE DRUM SOIL COMPACTOR CA255D AT JORPATI ROAD

Project Duration: 2015-2018

Contractor: United Builders and Engineers

Project Location: Boudha – Jorpati

Machines Model Used During Project: DYNAPAC – CA255D

Purpose of machines deployed: COMPACTION WMM

Equipment Principal Company

DYNAPAC FAYAT GROUP

Constructed By

ESTD: 2038

TRIBHUWAN INTERNATIONAL AIRPORT RUNWAY EXTENSION PROJECT 300 M SOUTHERN PART, KATHMANDU



DYNAPAC SOIL COMPACTOR ON TRIBHUWAN INTERNATIONAL AIRPORT

Project Duration: 2018 – 2020

Contractor: Kalika – Tundi JV

Sub – Contractor: A One Builders

Project Location: Tribhuwan International Airport - TIA

Machines Model Used During Project: DYNAPAC – F2500CS and CC3800

Purpose of machines deployed: Paving asphalt and asphalt compaction

Equipment Principal Company

DYNAPAC
FAYAT GROUP

Constructed By

A1 BUILDERS

RANIJAMARA KAULARIYA IRRIGATION PROJECT



DYNAPAC SOIL COMPACTOR CA255D

Construction of embankment with revetment and studs for command area protection in the Karnali river

Project Duration: 2021-2023

Contractor: Rajendra Nirman Sewa Pvt. Ltd.

Project Location: Tikapur

Machines Model Used During Project: DYNAPAC – CA255D SOIL COMPACTOR

Purpose of machines deployed: COMPACTION WMM

Equipment Principal Company

DYNAPAC FAYAT GROUP

Constructed By

RAJENDRA NIRMAN SEWA

MAHAKALI CORRIDOR –BRAHMAGHAT TO JHULAGHAT DARCHULA TINKAR ROAD PROJECT



DYNAPAC SOIL COMPACTOR CA255D

Project Duration: 2022-2024

Contractor: Rajendra Nirman Sewa Pvt. Ltd. & CAB-GWALLEK JV

Project Location: Darchula

Machines Model Used During Project: DYNAPAC – CA255D SOIL COMPACTOR

Purpose of machines deployed: COMPACTION WMM

Equipment Principal Company

DYNAPAC FAYAT GROUP

Constructed By

RAJENDRA NIRMAN SEWA

C.A.B. CONSTRUCTION P. LTD. CAB LALITPUR

ROAD AND DRAIN SYSTEM CONSTRUCTION PROJECT IN CHITWAN



DYNAPAC SOIL COMPACTOR CA255D, PTR CP 275, and CC425 TANDEM ROLLER

Project Duration: 2021-2024

Contractor: Khadka Krishna – Honest JV

Project Location: Chitwan – Kalika / Ratnanagar / Rapti / Khaireni Municipality

Machines Model Used During Project: DYNAPAC – CC425 TANDEM ROLER and soil compactor CA255D and PTR CP 275

Purpose of machines deployed: COMPACTION ASPHALT AND WMM

Equipment Principal Company

DYNAPAC FAYAT GROUP

Constructed By

KHADKA KRISHNA HONEST CONSTRUCTION

BABAI IRRIGATION PROJECT- KHAILAR TO BANKATTI



DYNAPAC SOIL COMPACTOR CA255D

Project Duration: 2015 - 2017

Contractor: Swachhanda – Diwa – Gajurmukhi JV

Project Location: Bardiya

Machines Model Used During Project: DYNAPAC – CA255D SOIL COMPACTOR

Purpose of machines deployed: COMPACTION WMM

Equipment Principal Company

DYNAPAC FAYAT GROUP

Constructed By

DIWA SNS Gajurmukhi Nirman Comapany

CONSTRUCTION OF POSTAL HIGHWAY PROJECT- BIRGUNJ-KALIYA-BARIYARPUR (19KM)



DYNAPAC SOIL COMPACTOR CA255D

Project Duration: 2015 - 2017

Contractor: Swachhanda – Pappu – Him Sagarmatha JV

Project Location: Birgunj

Machines Model Used During Project: DYNAPAC – CA255D SOIL COMPACTOR

Purpose of machines deployed: COMPACTION WMM

Equipment Principal Company

DYNAPAC FAYAT GROUP

Constructed By

SNS PAPPU

PAPPU CONSTRUCTION 2040 30 YEARS IN NATION BUILDING

CONSTRUCTION OF POSTAL HIGHWAY PROJECT- KAMALA RIVER –BALAN RIVER (36 KM)



DYNAPAC SOIL COMPACTOR CA255D

Project Duration: 2015 - 2017

Contractor: Swachhanda – Roshan – Mahadev Khimti JV

Project Location: Birgunj

Machines Model Used During Project: DYNAPAC – CA255D SOIL COMPACTOR

Purpose of machines deployed: COMPACTION WMM

Equipment Principal Company

DYNAPAC FAYAT GROUP

Constructed By

SNS ROSHAN Construction Pvt Ltd MAHADEV KHIMTI



REFERENCES

Explosives

NCEC
est. 1958

MELAMCHI WATER SUPPLY PROJECT



EXPLOSIVES AND ACCESSORIES USED AT MELAMCHI WATER SUPPLY PROJECT

The Melamchi Water Supply Project (MWSP) is designed to divert about 170 MLD of fresh water to Kathmandu Valley from the Melamchi River in Sindhupalchowk district.

Project Duration: 2010

Client: China Railway 15 Bureau Group Corporation

Project Location: Sindhupalchowk

Machine Used During Project: IDL Explosives – Explosives and Accessories; Raydet MX, Detonating Cord and Emuldyne

Purpose: For blasting purpose

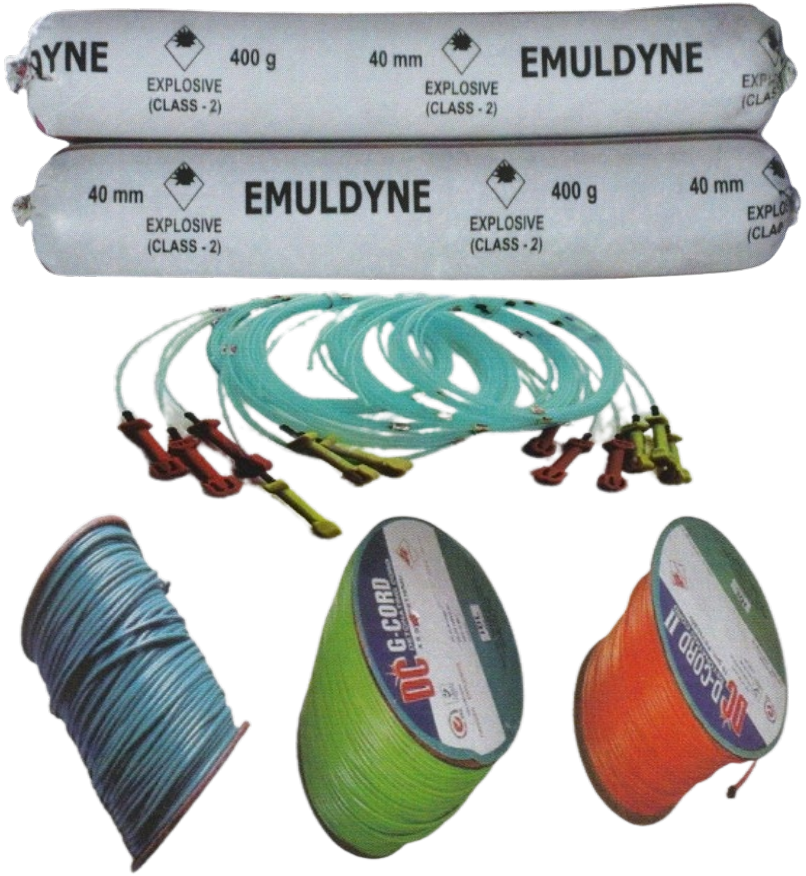
Equipment Principal Company

IDL Explosives

Constructed By

CREC

TANAHUN HYDROPOWER PROJECT (140 MW)



EXPLOSIVES AND ACCESSORIES USED AT TANAHUN HYDROPOWER PROJECT

The **Tanahu Hydropower Project**, located on the right bank of the Seti River near Damauli, Tanahu District, is a storage-type project with a **140 MW** capacity and an annual energy generation of **585.7 GWh**. It features a 140m high concrete gravity dam, a 295 million m^3 storage reservoir, a 7.4m diameter underground tunnel of 1,388.75m length, and an underground powerhouse with two Francis turbines.

Project Date: 2022

Contractor: Kalika – Songda JV

Project Location: Tanahun

Machines Model Used During Project: IDL Explosives – Explosives and Accessories; Raydet MX, Detonating Cord and Emuldyne

Purpose of machines deployed: For blasting purpose

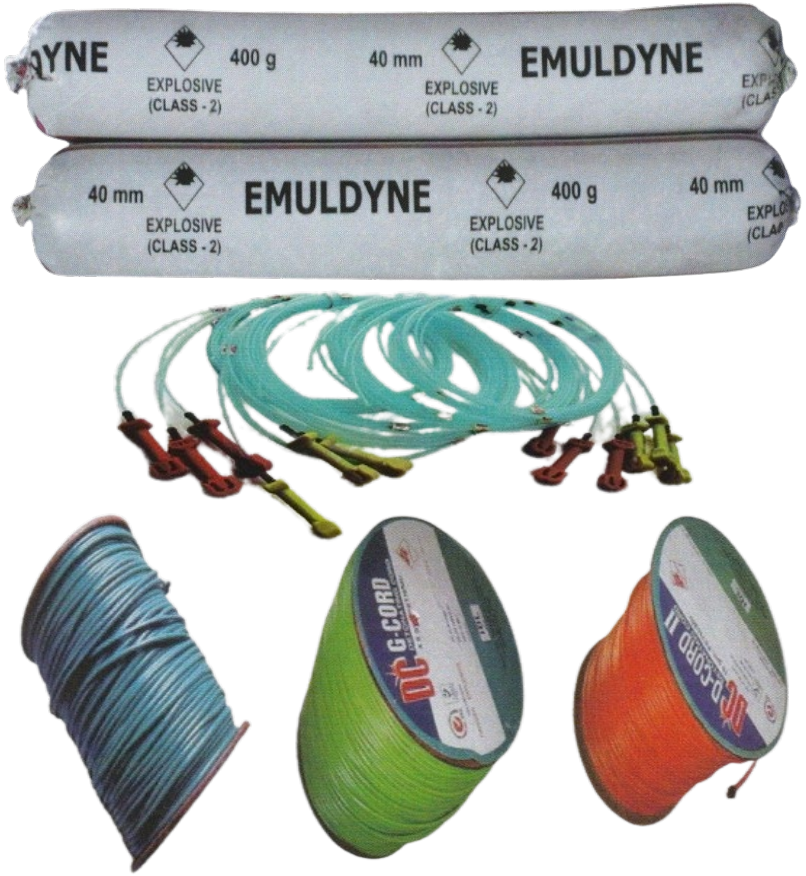
Equipment Principal Company

IDL Explosives

Constructed By

SONG DA 9

ARUN III HYDROPOWER PROJECT (900 MW)



EXPLOSIVES AND ACCESSORIES USED AT MELAMCHI WATER SUPPLY PROJECT

Arun III is a hydropower project under construction on the Arun River in Sankhuwasabha District of Province 1, Nepal. The project is of **900 megawatts** capacity and will be the largest hydropower plant in South Asia. It is constructed by **SJVN Arun III Power Development Company Private Limited**.

Project Date: 2022-2023

Contractor: Jai Prakash Associates Limited

Project Location: Fakshinda, Damsite - Sankhuwasabha

Machines Model Used During Project: IDL Explosives – Explosives and Accessories; Raydet MX, Detonating Cord and Emuldyne

Purpose of machines deployed: For blasting purpose

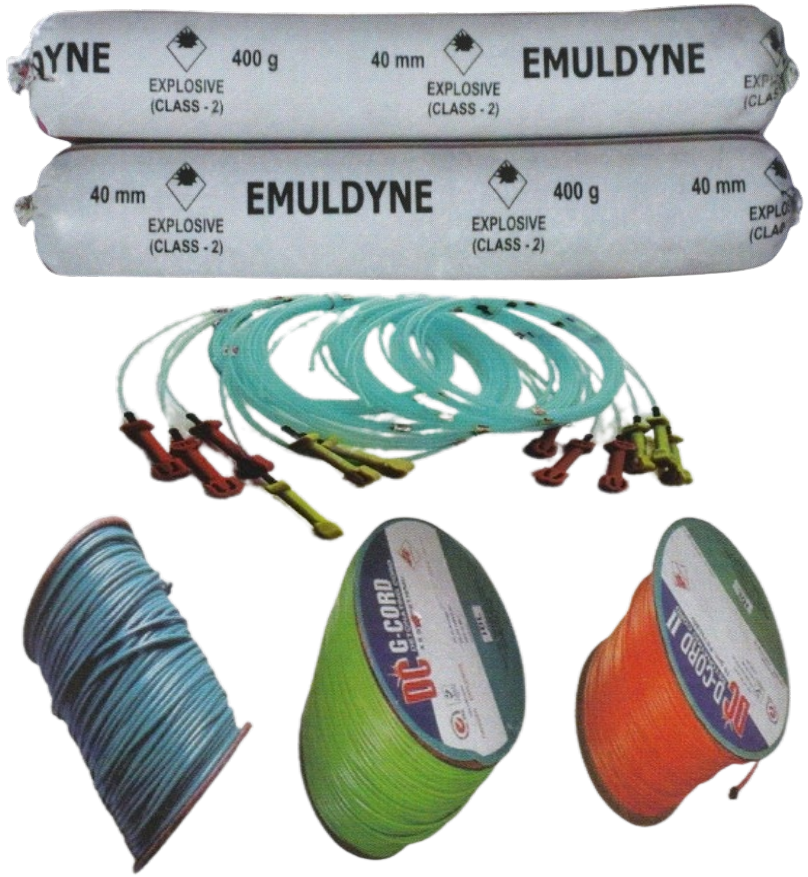
Equipment Principal Company

IDL Explosives

Contractors

JAYPEE GROUP

ARUN III HYDROPOWER PROJECT (900 MW)



EXPLOSIVES AND ACCESSORIES USED AT MELAMCHI WATER SUPPLY PROJECT

Arun III is a hydropower project under construction on the Arun River in Sankhuwasabha District of Province 1, Nepal. The project is of **900 megawatts** capacity and will be the largest hydropower plant in South Asia. It is constructed by **SJVN Arun III Power Development Company Private Limited**.

Project Date: 2022-2023

Contractor: Patel Engineering Limited

Project Location: Powerhouse, Sankhuwasabha

Machines Model Used During Project: IDL Explosives – Explosives and Accessories; Raydet MX, Detonating Cord and Emuldyne

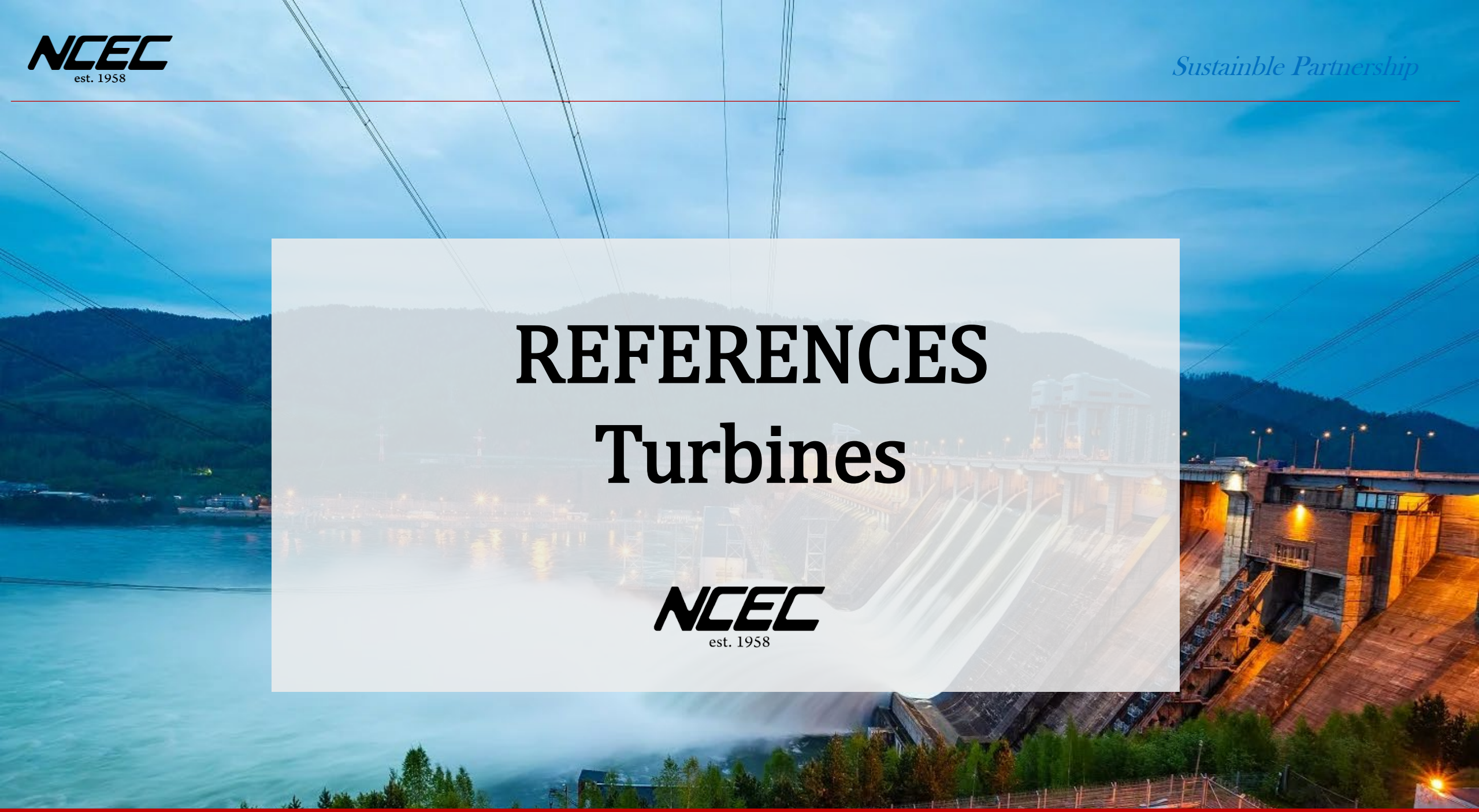
Purpose of machines deployed: For blasting purpose

Equipment Principal Company

IDL Explosives

Contractors

Patel Since 1949



REFERENCES
Turbines

NCEC
est. 1958

MEWA KHOLA HYDROPOWER PROJECT (23 MW)



KOCHENDORFER'S HORIZONTAL AXIS PELTON TURBINE ARE BEING USED AT THE POWERHOUSE OF MEWA KHOLA HPP

Mewa Khola Hydropower Project is a Run-of-River type hydropower project with generating capacity of 23.00 MW in Taplejung District. The design discharge of the proposed scheme is 3.15 m^3/sec with gross head of 901.74 m. Union Mewa Hydro Ltd. (UMHL) is the developer of the project.

Project Duration: 2014-2022

Developer: Union Mewa Hydro Limited

Project Location: Taplejung

Machine Used During Project: Kochendorfer – 2 units of horizontal axis Pelton Turbine

Purpose of turbine deployed: Used in hydroelectric power plants to generate electricity from high-pressure water sources.

Equipment Principal Company

KOCHENDÖRFER
GERMAN hydropower TECHNOLOGY

Constructed By

UNION HYDROPOWER LIMITED
UHL
Lalitpur