



35+

Years of operations

35+

Countries exported to

24,000 MT

Annual capacity

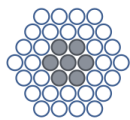
MANUFACTURER & EXPORTER OF CONDUCTORS



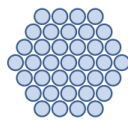
HTLS



ACSR



ACSS



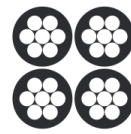
AAAC



AL 59



AAC



ABC



MVCC

COMPANY PROFILE

KJV Alloy Conductors P. Ltd.

A Zetwerk Company

Single Destination for Distribution & Transmission Line Equipment

Manufacturer & Exporter of Conductors

AAC | AAAC | ACSR | ACSS | AL59 | ACAR | AACSR | ECO | Covered Conductor | AB Cable

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I N D E X

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WHO WE ARE

About KJV

KJV Alloy Conductors P. Ltd., a Zetwerk company, is a professionally managed manufacturer of aluminium conductors and wire rod for power distribution and transmission, delivering to national and international power-sector utilities and contractors. Our management and advisors bring more than three decades of experience in the aluminium industry, supported by ISO-certified systems and a team of highly qualified executives and consultants.

For three decades we have manufactured AAC, ACSR, AAAC and Aerial Bunched Cable for distribution and transmission lines. We supply major electricity boards and turnkey contractors in India and overseas, across the full range of voltages up to 765 kV, and have exported successfully under stiff global competition. Manufacturing units at Nagpur (Maharashtra) and Borgaon (Madhya Pradesh, about 65 km from Nagpur) provide an annual production capacity of 24,000 MT.

35+ Years of operations	35+ Countries exported to	750+ Satisfied customers	5 Manufacturing plants	24,000 MT Annual capacity
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Our journey

1989	Operations began with AAC (All Aluminium Conductor), ACSR (Aluminium Conductor Steel Reinforced), bare aluminium wire & strips and bare aluminium alloy wire.
Later	Product mix expanded with AAAC (All Aluminium Alloy Conductor) and paper-covered (insulated) wire & strips.
2009	Madhya Pradesh unit started, with backward integration: a 24,000 MT p.a. rolling mill producing aluminium and alloy wire rod (6.5 / 7.6 / 9.5 / 12.6 mm) from primary ingots.
Recent	Al59 alloy wire rod and conductor added to the range.

Today we supply wire rod to leading cable and conductor manufacturers and steel plants, including high-purity wire rod with up to 99.9% aluminium content.

OUR MISSION

To develop, produce and deliver products and services that consistently meet our customers' needs.

KJV Alloy Conductors (P) Ltd. is committed to a quality system of continuous improvement in the manufacture of aluminium wire products — 99.85% EC 1350/1370 grade, alloy, Al59, T4 and deoxidised aluminium wire rod; Al59 alloy, AAC, ACSR, AAAC, ACAR and AACSR conductors; bare and insulated aluminium wire & strip; and aerial bunched cable.

WHY KJV

Strengths & Approvals

Complete product portfolio

AAC, ACSR, AAAC, AI59, ACAR, AACSR, ACSS, Eco and Covered Conductors; Aerial Bunched Cable; aluminium metallising wire; bare and insulated (DPC) wire and strip for transformers; aluminium and alloy wire rod (1350/1370, 6101, 6201, T4, flip coil etc.).

35 years, 5 plants

35 years of operations with 5 manufacturing plants across 2 locations: Nagpur (Maharashtra) and Borgaon, Chhindwara (Madhya Pradesh).

Global exporter

Certified export house supplying 35+ countries, recognised every year in our sector with the best exporter award from EEPC. 750+ satisfied customers, adding about 10% new clients every year.

Independently type tested

Products type tested at NABL-accredited government laboratories: ERDA, CPRI, NTH and NSIC.

NABL-accredited labs

In-house cable, conductor and transformer test laboratories are NABL accredited (ISO/IEC 17025).

Qualified people, certified systems

200+ well-qualified, experienced staff. ISO 9001 and ISO 14001 certified for 22 years.

Approved vendor

KJV is an approved vendor to all major state utilities, supplying under RDSS, HVDS, GFSS, DDUGJY, IPDS, AGPUMP and other government schemes.

POWER UTILITIES

POWER GRID, NTPC, NHPC, APTRANSCO, APEPDCL, APCPDCL, APSPDCL, TSTRANSCO, TSNPDCL, TSSPDCL, JUVNL (Jharkhand), MPPTCL (Madhya Pradesh), MPMKVCL (Bhopal), MPMKVCL (Indore), MPPKVCL (Jabalpur), KPTCL (Karnataka), BESCOM, HESCOM, GESCOM, MESCOM, UPPCL (Uttar Pradesh), DVVNL, MVVNL, PUVVNL, PVVNL, OPTCL (Odisha), KSEB (Kerala), GETCO (Gujarat), GUVNL, MSETCL, MSEDCL, APDCL (Assam), UHBVNL (Haryana), DHBVN, NBDCL (Bihar), SBDCL, CSPDCL (Chhattisgarh), CSPTCL, Goa, Sikkim

OTHER GOVERNMENT INSTITUTIONS

DVC, MOIL, MSSIDC, CESS, CESCL, Tata Power, R&C, Railways (RDSO), PWD, MJP (Maharashtra Jeevan Pradhikaran), Irrigation Department, CIL – BCCL (Bharat Coking), CCL (Central Coalfields), MCL (Mahanadi), NCL (Northern), ECL (Eastern), SCL (Singareni), SECL (South Eastern)

WHAT WE MAKE

Product Range

Conductors, cable and wire rod for distribution and transmission lines.



AAC

All Aluminium Conductor

 Capacity **80,000 km p.a.**

 Size **7 – 91 strands**


ACSR

Aluminium Conductor Steel Reinforced

 Capacity **80,000 km p.a.**

 Size **7 – 91 strands**


AAAC

All Aluminium Alloy Conductor

 Capacity **80,000 km p.a.**

 Size **7 – 91 strands**


AL-59

Al59 Alloy Conductor

 Capacity **80,000 km p.a.**

 Size **7 – 91 strands**


ACAR

Aluminium Conductor Alloy Reinforced

 Capacity **80,000 km p.a.**

 Size **7 – 91 strands**


AACSR

All Aluminium Alloy Conductor Steel Reinforced

 Capacity **80,000 km p.a.**

 Size **7 – 91 strands**


AB Cable

Aerial Bunched Cable

 Capacity **24,000 km p.a.**

 Size **10 mm² – 120 mm²**


Covered Conductor

 Capacity **5,000 km p.a.**

 Size **7 – 61 strands**


ECO Conductor

 Capacity **5,000 km p.a.**

 Size **7 – 61 strands**


ACFR Conductor

 Capacity **8,000 km p.a.**

 Size **7 – 61 strands**


ACSS Conductor

 Capacity **8,000 km p.a.**

 Size **7 – 61 strands**


Earth Wire

 Capacity **24,000 km p.a.**

 Size **7 – 19 strands**

HOW WE MAKE IT

Plant & Machinery

Installed equipment across both units (Nagpur and Borgaon).

Type of machinery	No. of machines	Monthly production capacity
Aluminium Rolling Mill	6	7,000 km
Furnace	2	15 Ton
Multi Strand Machine	4	1,000 km
Tubular Stranding Machine	2	1,500 km
Extruder Machine	1	800 km
Drum Twister	1	1,500 km
Cable Laying Machine	1	1,000 km
Conductor Rewinding Machine	4	2,000 km
Still Spooling Machine	4	–
RBD	8	1,400 Ton
Fine Wire Drawing Machine	1	100 Ton
Rigid Stranding	2	600 km
Ageing Machine	3	–

QUALITY ASSURANCE

Testing Equipment

In-house NABL-accredited laboratories, both units.

Testing equipment	Purpose	Calibration certificate
Spectrometer – Metavision – 109	Chemical analysis	Cert. No. 240/22-23, dt. 03.09.2022
3-in-1 Sample Preparation Machine	Chemical analysis	NA
Digital Tensile Testing M/C	Breaking load of individual wires & elongation test	ULR CC312622000000244F, dt. 05.02.22
Weighing Balance	Water absorption test	ULR CC2339220000002576F, dt. 25.05.22
Digital Micro Ohm Meter	Resistance test	ULR CC2339220000002573F, dt. 25.05.22
Digital Micro Ohm Meter	Resistance test	ULR CC2339220000003524F, dt. 21.07.22
Standard Resistance Box	Calibration & resistance	ULR CC2339220000003527F, dt. 21.07.22
Hot Water Bath	Volume resistivity	ULR CC247522100001319F, dt. 25.11.22
AC High Voltage Tester	High voltage test	ULR CC2339220000002575F, dt. 25.05.22

Testing equipment	Purpose	Calibration certificate
Hot Air Oven	Shrinkage test	ULR CC247522100001315F, dt. 25.11.22
Million Mega Ohm Meter	Volume resistivity test	ULR CC233922000002574F
Hot Set Test Apparatus	XLPE test	ULR CC247522100001316F, dt. 25.11.22
AC HV Spark Tester	Core insulation damage check	ULR CC333322000003530F, dt. 21.07.22
AC High Voltage Tester	High voltage testing of cable	ULR CC333322000002491F, dt. 08.12.22
Vacuum Oven	Water absorption test	ULR CC247522100001318F, dt. 25.11.22
UV Test Chamber	Tensile strength & elongation test for insulation	ULR CC333322000002488F, dt. 08.12.22
Water Penetration	Water leakage test of insulation	ULR CC333322000002493F, dt. 08.12.22
Current Tester	Water leakage test of insulation	ULR CC333322000002492F, dt. 08.12.22
Carbon Black Content Test Apparatus	Carbon test	New
Conditioning Chamber	Hot set test	New

QUALITY ASSURANCE

Type Test Reports

Type test certificates from independent, accredited laboratories.

Item	Laboratory	Date	Certificate reference
ACSR DOG	GTL	07.09.2017	100-170821-45
ACSR MOOSE	TAG	01.12.2017	TSI/17-18/108
ACSR ZEBRA	TAG	20.01.2018	TSI/17-18/139
AL 59 MOOSE	Delta Laboratory	04.09.2018	DLI/I/19-19/566
ACSR PANTHER	TAG	16.04.2018	TSI/18-19/010
AAAC ARAUCARIA	Delta Laboratory	22.08.2017	DLI/I/17-18/310
AL 59 PANTHER	Delta Laboratory	05.09.2016	DLI/T/16-17/288
AAAC 55 SQMM	ERDA	28.12.2020	RP-2021-024036
AAAC 34 SQMM	ERDA	26.12.2020	RP-2021-024049
AAAC 55 SQMM	ERDA	23.12.2020	RP-2021-024037
AAAC 100 SQMM	ERDA	22.12.2020	RP-2021-024032
ACSR MOOSE	ERDA	04.01.2021	RP-2021-025371
ACSR RABBIT	ERDA	23.03.2021	RP-2021-037165
ACSR WEASEL	ERDA	18.03.2021	RP-2021-037166
AL-59 108.9 SQMM	ITH	24.09.2021	ITH 21100102
AL-59 157 SQMM	ITH	24.09.2021	ITH 21100103
ACSR SQUIRREL	Delta Lab	24.10.2015	DLI/T/15-16/305
ACSR WEASEL	Delta Lab	24.10.2015	DLI/T/15-16/306
ACSR RABBIT	Delta Lab	24.10.2015	DLI/T/15-16/307
ACSR RACCOON	Delta Lab	24.10.2015	DLI/T/15-16/308
ACSR DOG	Delta Lab	09.11.2015	DLI/T/15-16/368
ACSR DOG	GTL, Ghaziabad	07.09.2017	100-170821-45
ACSR WOLF	Delta Lab	03.11.2015	DLI/T/15-16/357
ACSR WOLF	Amit Lab	12.09.2019	ATCC 19090301
ACSR PANTHER	GTL, Ghaziabad	07.09.2017	100-170821-51
ACSR PANTHER	TAG	20.04.2018	CT/010/18-19
ACSR KUNDAH	Delta Lab	17.09.2016	DLI/T/16-17/312
ACSR ZEBRA	Delhi Test House	14.05.2015	21356150504KUNE1000
ACSR ZEBRA	TAG Corporation	22.01.2018	CT/141/17-18
ACSR ZEBRA	TAG Corporation	22.01.2018	CT/141-A/17-18
ACSR ZEBRA	TAG Corporation	04.02.2018	CT/140/17-18
ACSR MOOSE	TAG Corporation	30.11.2017	CT/105/17-18
AAAC 22 Sq.mm.	Delta Lab	24.10.2015	DLI/T/15-16/300
AAAC 34 SQMM	Delta Lab	12.09.2017	DLI/I/17-18/402
AAAC 34 SQMM	Delta Lab	24.10.2015	DLI/T/15-16/301
AAAC 55 SQMM	Delta Lab	17.08.2017	DLI/T/17-18/289
AAAC 55 SQMM	Delta Lab	03.03.2015	DLI/T/14-15/630
AAAC 80 SQMM	Delta Lab	24.10.2015	DLI/T/15-16/302
AAAC 100 Sq.mm.	Power Testing Lab	22.09.2017	PTL/34-A/17-18
AAAC 100 Sq.mm.	Delta Lab	03.03.2015	DLI/T/14-15/631
AAAC 100 Sq.mm.	Delta Lab	03.03.2015	DLI/T/14-15/632

Item	Laboratory	Date	Certificate reference
AAAC 148 SQMM	Delta Lab	24.10.2015	DLI/T/15-16/303
AAAC 232 Sq.mm.	Delta Lab	24.10.2015	DLI/T/15-16/304
AAAC 288 Sq.mm.	Delta Lab	12.09.2017	DLI/I/17-18/403
ABC 3CX70+1CX16+1X50 SQMM	Delta Lab	24.03.2018	DLI/I/17-18/1088
AAAC 100 Sq.mm. XLPE Insulated Conductor	Delta Lab	03.10.2017	DLI/I/17-18/451
ABC 3x50+1x16+1x35 Sq.mm.	Delta Lab	12.09.2017	DLI/I/17-18/401
ABC 3CX95+1CX16+1X70 SQMM	Amit Lab	12.10.2017	ATCC/17091901
ABC 3x70+1x25+1x50 Sq.mm.	Delta Lab	15.02.2017	DLI/T/16-17/450
ABC 2x16+1x25 Sq.mm.	Delta Lab	17.09.2016	DLI/T/16-17/313
ABC 3x50+1x50 Sq.mm.	Delta Lab	04.11.2015	DLI/T/15-16/360
ABC 3x35+1x16+1x35 Sq.mm.	Delta Lab	04.11.2015	DLI/T/15-16/361
ABC 3x25+1x16+1x35 Sq.mm.	Delta Lab	04.11.2015	DLI/T/15-16/362
ABC 3x16+1x25 Sq.mm.	Delta Lab	04.11.2015	DLI/T/15-16/359
ABC 1x25+1x25 Sq.mm.	Delta Lab	04.11.2015	DLI/T/15-16/358
ABC 3x25+1x16+1x25 Sq.mm.	Delta Lab	31.02.2015	DLI/T/14-15/709
ABC 3X120+16+70 Sq.mm.	Amit Lab	06.08.2019	ATCC 19071509
ABC 3CX70+1CX16+1X50 SQMM	Amit Lab	06.08.2019	ATCC 19071508
ABC 3CX50+16+35 SQMM	Amit Lab	06.08.2019	ATCC 19071507
ABC 3CX95+1CX16+1X70 SQMM	Amit Lab	06.08.2019	ATCC 19071510
ABC 3x35+1x16+1x25 Sq.mm.	Power Testing Lab	23.10.2015	PTL/40/15-16
ABC 1X10 Sq.mm.	Delta Lab	06.02.2019	DLI/I/18-19/1873
ABC 3X120+16+70 Sq.mm.	Amit Lab	20.06.2018	ATCC/18060110
ABC 3X50+54.6 Sq.mm.	ERDA Lab	27.04.2019	RP-1920-003775
ABC 3X70+16+35 Sq.mm.	Power Testing Lab	10.11.2017	PTL/039-A/17-18
AAC GNAT	Delta Lab	12.09.2017	DLI/I/17-18/404
AAC ANT	Delta Lab	12.09.2017	DLI/I/17-18/405
AAC 240 SQMM SPIDER	Delta Lab	30.09.2019	DLI/I/19-20/0847

TRACK RECORD

Performance Certificates

Customer certificates confirming satisfactory field performance.



Power Grid Approval



Suzlon Energy



Powertech



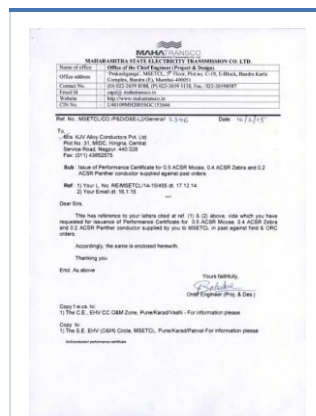
DKD Engineers



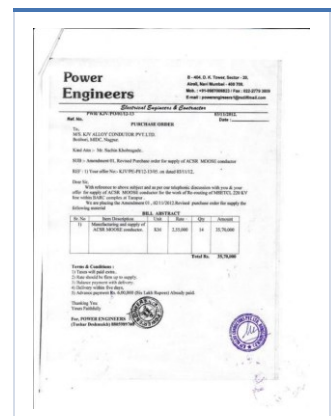
Mohan Power Infrastructure



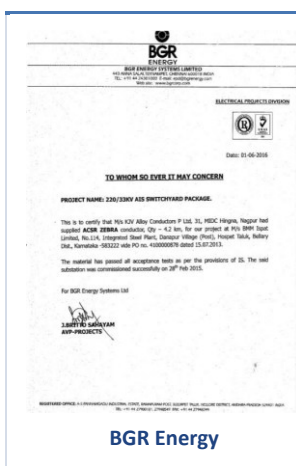
Enerfra



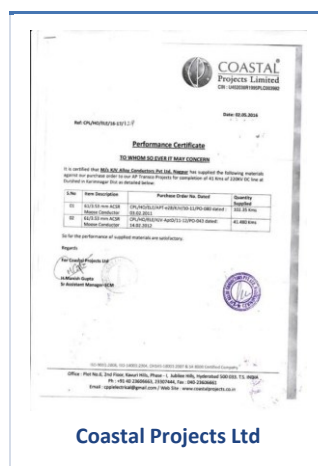
MSETCL



Power Engineers



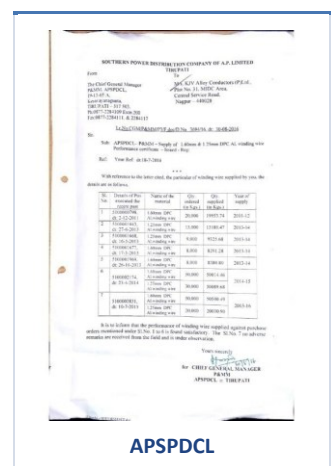
BGR Energy



Coastal Projects Ltd



PVR Constructions

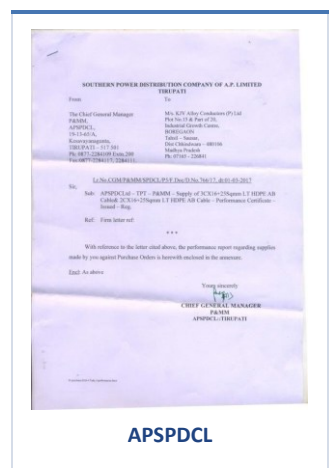
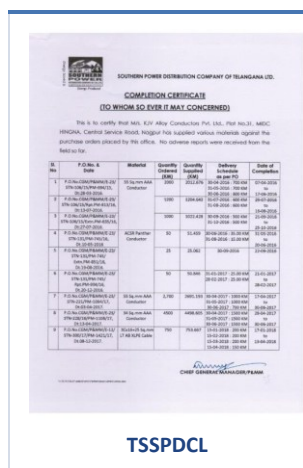
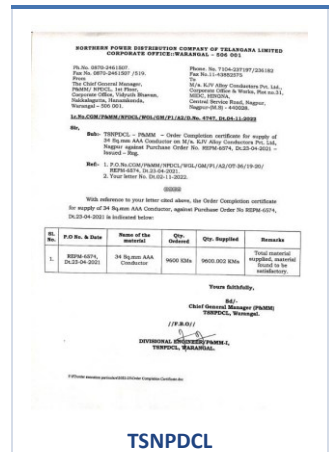
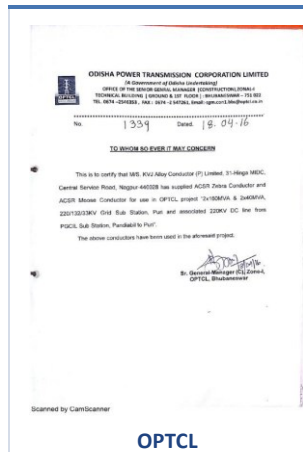
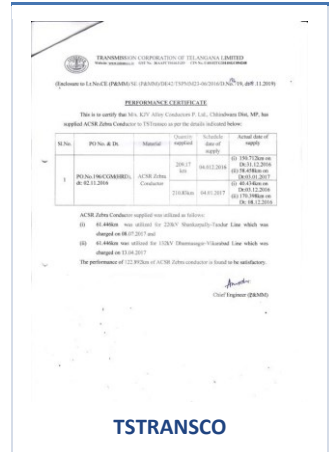
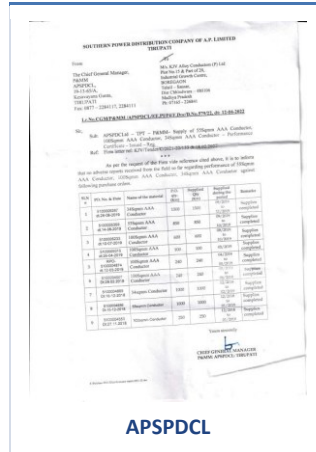
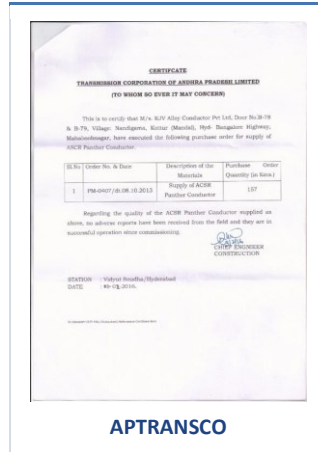
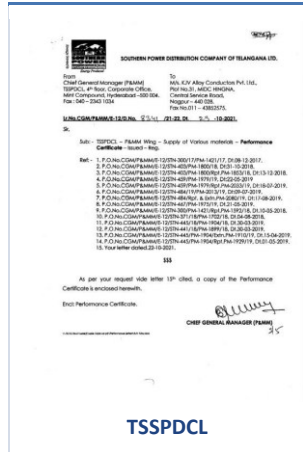


APSPDCL

TRACK RECORD

Performance Certificates

Customer certificates confirming satisfactory field performance (continued).



COMPLIANCE

Certificates & Registrations



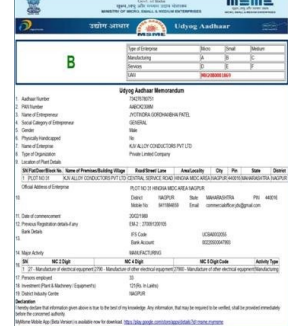
NABL Certificate



ISO Certificate



Udyam Certificate



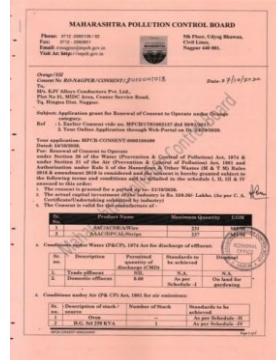
MSME Certificate



IEC Certificate



RCMC Certificate



Pollution Certificate



Export House Certificate

ACCREDITATIONS & REGISTRATIONS

NABL accreditation (ISO/IEC 17025:2017) | ISO 9001:2015 | ISO 14001 | Udyam / MSME registration | Importer-Exporter Code (IEC) | EEPC India RCMC | Pollution control consent | Star Export House

RECOGNITION

Awards

EEPC India Engineering Export Awards, Western Region — Star Performer 2018-19, Aluminium & Articles Thereof (Large Enterprise).



Award ceremony



Star Performer trophy



Award for Export Excellence — EEPC India, Western Region

GLOBAL REACH

Export Performance

Export orders executed over the last five financial years (km).

Conductor	FY 2022-23	FY 2021-22	FY 2020-21	FY 2019-20	FY 2018-19	Total
7 Strand						
AAC	212	190	25	63	36	526
ACSR	1,296	1,071	2	82	6	2,457
AAAC	35	87	79.5	36	64	301.5
AI59	63	27	102	56	85	333
37 Strands and Above						
AAC	45	105	85	17.5	85	337.5
ACSR	3	242	4.5	5.5	8.5	263.5
AAAC	11.5	9.5	63	88	74	246
AI59	25	47	25	98	25	220
ACSS	6	3	—	—	—	9
AB Cable	323.06	25	95	115	440.225	998.285
Covered Conductor	5	2	—	—	—	7

Our worldwide exports

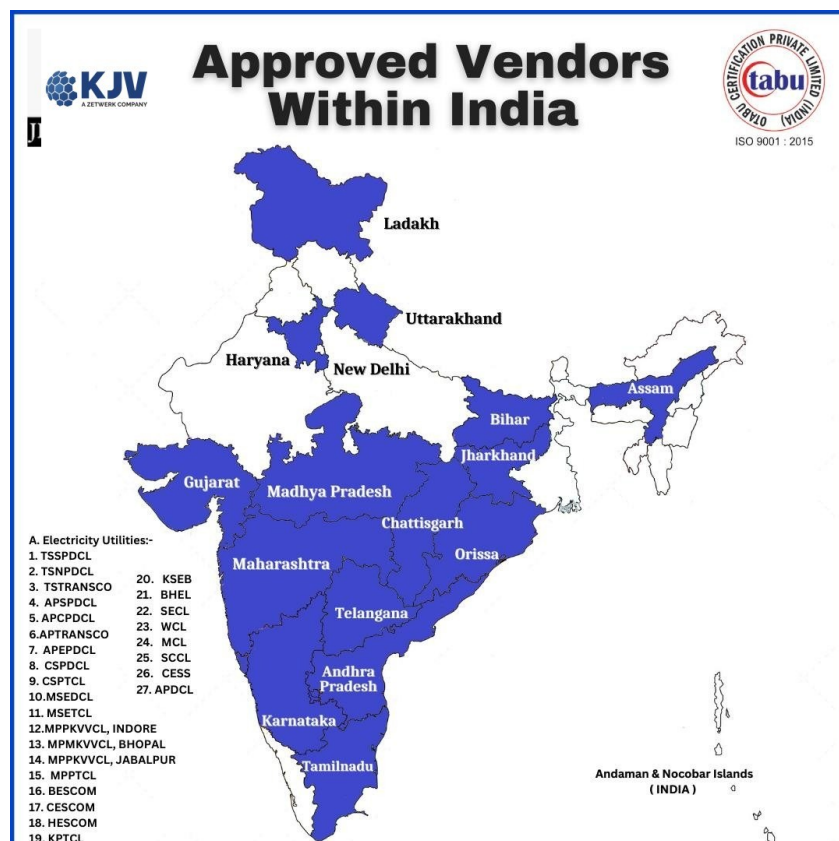


NATIONAL REACH

Domestic Performance

Domestic orders executed over the last five financial years (km), and states with approved-vendor status.

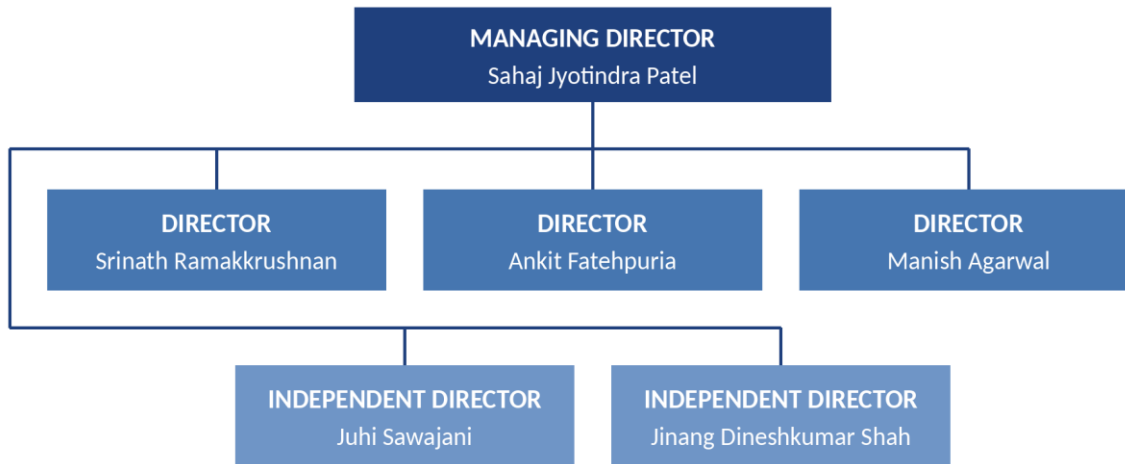
Conductor	FY 2022-23	FY 2021-22	FY 2020-21	FY 2019-20	FY 2018-19	Total
7 Strand						
AAC	2,681	2,850	1,600	1,502	1,350	9,983
ACSR	4,400	3,841	5,890	4,556	6,421	25,108
AAAC	36,354	37,820	35,680	38,731	43,119	191,704
AI59	5,460	6,580	7,231	4,680	3,250	27,201
37 Strands and Above						
AAC	–	–	–	–	–	–
ACSR	1,980	1,980	2,610	2,650	2,705	11,925
AAAC	150	146	26	31	27	380
AI59	2,231	1,645	886	436	58	5,256
ACSS	11	5	–	–	–	16
AB Cable	4,880	1,559	1,171	4,782	4,986	17,378
Covered Conductor	13	6	–	–	–	19



OUR PEOPLE

Organization Chart

KJV Alloy Conductors P. Ltd. (A Zetwerk Company)



OUR FACILITIES

Plant Images



Neat and clean export packing



Well-equipped testing lab



Ingot melting furnace



Multi stranding machine



Steel drum packing



CCR machine

LOGISTICS

Dispatch & Logistics



Export consignment — cable under dispatch



Export consignment — Aerial Bunched Cable



Export consignment — aluminium conductors



ACSR conductor — export order for Africa



ACSR Panther conductor — MSETCL project



Transmission line — AI59 Moose conductor

COMMUNITY

Corporate Social Responsibility



Students from Ambuja Cement Foundation visited the KJV MP plant



Paid internship programme



Rojgar Mela organised by the Collector Office, Chhindwara



Tree plantation programme



Get in touch

C O R P O R A T E O F F I C E

Plot No. 31, Hingna, Central Service Road, Hingna MIDC,
Nagpur - 440016, Maharashtra, India

N A G P U R P L A N T

Plot No. 31, opp. Coca-Cola, Central Service Road, Hingna MIDC,
Nagpur, Maharashtra - 440016, India

B O R G A O N P L A N T

Plot No. 15 & Part of 20, Industrial Area Borgaon,
Tah. Sausar, Dist. Chhindwara, Madhya Pradesh - 480106

D O M E S T I C S A L E S E N Q U I R Y

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