

Er Jayshankar kumar singh



CAREER OBJECTIVE

With over all 9+ years of experience in different industrial units with Jindal and Core Integra looking for a suitable position where I can serve the company with my optimum efficiency.

EXPERIENCE

At Core Integra

As transformation manager

Karnataka (Bangalore)

Zen garden apartments (December 2019-December 2022)

- Operation & maintenance of electrical panel room(changing MCCB,MCB) to send power to each flat continuously with DG (65KVA*2)changeover, maintenance of lighting, indoor unit(SS combine, fan, AC etc), responsible for smooth operation of lifts(changing PLC Omron relay, lift motor 15 KW with pneumatic break periodic maintenance) , installed Automatic rescue device (ARD) for all lift.
- Responsible for 24/7 water supply to each flats, continuous operation of motors (22kW*5) with MCC panel (changing BOCR, thermal O/L relay CL04 contactors of DOL starters) and pumps to fill Fire, Treated, domestic & BWSS tank at ground level.
- Inspection of sensors(level sensor) in various tanks at roof(Fire, Domestic, BWSS)with inspection of each NRV, ball valve, water pressure maintain through pressure switch and pressure gauge.
- Regular trail of fire fighting system with security persons to operate it with exact pressure, checking of Jockey pump to maintain pressure if needed, checking of sprinklers, fire alarm, smoke sensors.
- Checking and arresting if any leakage is there in any valve, tank, or toilet seepage, taking care of each flat issue and solving it.
- Discharge of sewage water through STP plant(12.5 KW motor).
- Regular refilling of fire hydrant of each A,B & C type to extinguish fire at diffident materials.
- Take care of housekeeping and gardening, waste segregation and waste disposal.
- Scrap segregation.
- Responsible for every staff attendance, taking care of entry and exit of every material from gate through security supervisor.

CONTACT

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SOFT SKILLS

PLC-AUTOMATION
SAP mm
ELECTRICAL-CADD
DRIVES
MS-OFFICE
60 WPM Typist
SOP

HARD SKILLS

Can work 12+ hours on daily basis and motivate my team to do so.
Spare parts, scrap and man power management.
Good communication, dynamic personality.

EDUCATION

DEGREE NAME

B.TECH EE
BPUT UNIVERSITY
ELECTRICAL- 7.4
CGPA

SCHOOLING

+2 SCIENCE
KENDRIYA
VIDYALAYA- 74 %
METRIC- KENDRIYA
VIDYALAYA- 76 %

At Jindal Saw Ltd.

(From July 2013 to November 2019)

As SENIOR EXECUTIVE ENGINEER-

Hot mill-2 project

- Lay out reading for all electrical panels, cable tray, panels & component positioning in electrical AUTOCADD and then implementing it in field.
- Erection and commissioning of RTHF – Cabling, termination and configuration of the following (SIEMENS S7 300 315-2 DP PLC with STEP 7 FIRMWARE, WINCC FLEXIBLE SCADA WITH 2048 TAGS, SENAMICS G-120 DRIVES, FLOW TRANSMITTERS, DIFFERENTIAL PRESSURE TRANSMITTERS, ACTUATORS, RTD-PT-100, PRESSURE SWITCH, INDUCTIVE NPN PROXY).
- Erection and commissioning of Piercing Mill (2* 1600 KW, 2700Amp DC motor, DCS-800 DRIVE, ABB SWISS 5STP24L2800 THYRISTOR, 2*55 KW AC drive cooling unit with ACS 560, 1500 1516 3 pn/np plc, hydraulics and valve stand wiring with instruments, IFM PN2271 single line pressure transmitter)
- Erection and commissioning of Arsenic Mill(1600 KW, 2700 Amp DC motor,)
- Erection and commissioning of following units:- SRM, WBF (SIEMENS 1500 1516 PLC, WITH TIA PORTAL, HYDRAULIC VALVE STANDS AND POWER PACK, ABB DCS-800, ABB ACS-550, ABB ACS-580 for conveyors)

DI pipe plant

- CCM: - Encoders (BAUMER, DELTA, OMRON-E6C-3AG5B, ELSIS, BEI, absolute and incremental), Drives (SIEMENS 6RA70, 6RA80, G120, SIMOREG, MID-MASTER 440, MICRO-MASTER 440), Mould motor(DC separately excited motor)-132KW 320 FLC Ia-28-250 Amp If- 9-9.2 Amp, , Extractor motor- 110KW 275 FLC Ia-20-115 Amp If 9.2 Amp , LVDT (PL10, 2STV Controller). Load cell 2-TON (METELLER TORIDO IND-560), dc valve, proportional valves, flow control valves. Proxy (Osiprox Telemecanique flat proxy, round proxy)
- INDUCTION FURNACE: - T/f (HV-5750KVA 11KV 301.7 Amp, LV1(Y)-2875KVA 1150V 1443.37 Amp, LV2 (DELTA)-2875KVA 1150V 1443.37 Amp), 7000 KW 350HZ 5000 VAC 2400 VDC, Furnace change over (CRUCIBELL, MICRO-LIMITS, FURNACE INTERLOCKS), inverter operation (GLD, WATER LEAKAGE).
- ANNEALING FURNACE: Heating zone, holding zone, soaking zone, cooling zone. All different zones have control valve, k type thermocouple, Midmaster-440 drive for chain with changeover system.
- ZINC COATING: Zinc guns (arc spray torch)
- HYDRAULIC PRESSURE TESTING MACHINE: Float switches.
- CEMENT MIXTURE LIGHNING: Hydro-motors
- CULTIVATION FURNACE: PID Temperature controller, control desk panel, drive for chain (micro-master 440)
- INTERNAL GRINDING and Bitumen coating.
- EOT Crane (65/25, 10, 7.5,5 Ton):- Maintenance of master controller, thruster, rotary limit, gravity limit, daily DSL inspection, resistance box.

TURBO-BLOWER of blast furnace

With the provided manual able to do calibration, LRV & URV setting of transmitters with HEART FIELD COMMUNICATOR-475, Calibration of temperature devices with temperature bath. Acquainted with SCANDURA B-20 calibration for transmitters.

Electrical and Instrument maintenance of following sections

- 8*2TPH BOILER:- MIL CONTROL VALVES WITH SIEMENS SMART POSITIONER & POSITION TRANSMITTER IN DIFFERENT SECTIONS LIKE SCPH, BFWP, TSSV, MSSV, BFWIV, ANTISURGE, ANTI-SURGE BYPASS, DEARATOR TANK.
- 2*2.2MW TURBINE :- Having adequate knowledge of STATIC TEST OF WODWARD 505 GOVERNER, TURBINE TRIP TEST (electrically , mechanically), DISPLACEMENT SENSORS, VIBRATION SENSORS, LUBE-OIL PRESSURE TRANSMITTER, CONDENSER EXHAUST & VACCUME PRESSURE TRANSMITTER.
- DRY- DEDUSTING SYSTEM OF BLAST FURNACE: - Motorized ball valves with open & close limits, butter-fly valve with AUMA-INDIA actuator, DP, TEMPERATURE, PRESSURE TRANSMITTERS (ROSE-MOUNT MAKE), LEVEL SWITCHES, RTD PT-100, NRV, SS-TUBING WITH DIFFERENT TYPES OF FITTINGS.
- RAW MATERIAL HANDILING SECTION OF BLAST FURNACE:- Hopper load cell calibration and maintenance (TRANSWEIGH TUC-6, SARTORIUS X4 PROCESS CONTROLLER), Vibro-feeder & screen motor starter with regenerative breaking and local/ remote operation, De-dusting system with SIEMENS SYNAMICS drives(440KW), motorized dampers, conveyor motors with safety devices(pull- chord, zero speed sensing, belt-sway switch), pneumatic cylinders with reed-proximity switch and coils with air filters.
- PUMP HOUSE and Diesel generators

Awards, Acknowledgements & Achievements

- Has cleared IBPS RRB PO prelims.
- Got campus placement in B.TECH final year.
- 1st prize in Electrical engineering quiz at college level.
- KV national level athlete in 110m Hurdle racing.
- Rajya Purushkar in Scouts & Guide.
- Got salary hike through Hr head for maintaining ego issues between managers teaching yoga to managers and flute performances on occasions like republic day, environment day & special clients welcome days.
- Has done Vipassana 10 day meditation .

Languages

- **Read-** Hindi, English, Gujarati.
- **Write** -Hindi & English
- **Speak** - **Hindi**, English, Gujarati, Odiya.

Personal information

- Date of Birth: 10/11/1991
- Gender: Male
- Languages known: English, Hindi
- Hobbies: Learning new things also interested in YOGA & FLUTE playing.