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RESUME

Objective:

To be in a job filled with lots of innovative ideas and to gain a technicalknowledge further with the advancement of the fields technical surveillance.

Educational Qualification:

:Diploma in Electrical and Electronics Engineeringfrom

2006 to 2009 in sri sitheswarar poly technic college at arcot

Marks in Percentage: 93.25%

Working Experience

Total years of Experience : Around 4years

Present Experience

Name of the organization : M/s Thirumalai Chemicals Ltd.,

Designation: Supervisor- Electrical

Duration of working: July 2009to till date

Employer Details

M/s Thirumalai Chemicals Ltd., India. Which is one of the reputedPetrochemical Industries in Asia. Our company is producing largestPthalic Anhydride(from O-Xylene) & Malic Anhydride (from Benzene). It has achieved an ISO 9001, 9002,14001 and HACCP Certification and also achieving towards TPM & TQM Certification.

Responsibilities:

Operation and Maintenance ofHTSS, LTSS, MCC ‘S, PDP’Sand

Other Electrical Distribution System

Job Responsibility in operation andmaintenancein a continuous processplant,Energy conservations, condition monitoring of rotary and staticequipments, and follow up the normal start up & shutdown activities.

Equipments Handling

1. Power Generation:

* 6450KVA, 2306 KVA & 1806 KVA, 11KV Turbo Generator(LEROY SOMER, AEG)
* 1150 KVA& 1100 KVA, 11 KV Diesel Generator (SKL)
* 1000 KVA(SULZER) – 2 Nos of 380V LT Diesel Generator with 2MVA 380V /11KV Step up Tranformer.
* 750 KVA, 415V (Kirloskar) Turbo Generator.

1. Power Transformer:

* 11KV/3.3KV, 1250 KVAOutdoor Transformer
* 11KV/520V & 415V, 2MVAOutdoor Transformer (Bharat Bijilee)
* 11KV/415V, 1600KVAOutdoor transformer.

1. Circuit Breaker:

HT:

11KV, 630A, 350MVA VCB/MOCB (SIEMENS)

11KV, 400A, 250MVA OCB (Crompton Greaves)

LT:PCC Rating upto 3200A (Manual & Motorised) ACB’s (L&T, GEC Alstom

1. Motors:

HT:3.3KV, 980KW, 800KW & 650 KW, NGEF MAKE Induction Motors

LT:500V, 415V & 380 V AC Induction Motor from 0.37KW TO 180 KW of make Siemens, Kirloskar, Crompton Greaves, ABB,NGEF, BBC.

1. VFD:

* Amtechupto 15 KW
* DANFOSS30 KW with D.O.L . Starter Panel
* DANFOSS45 KW with soft start panel.
* KIRLOSKAR160KW

1. UPS/ Battery Chargers:

* 10 KVA, 20 KVA, 25 KVA Tata Libert
* 10 KVA, 15 KVA NELCO

1. Starters:D.O.L, Star – Delta, Two speed, For/ Rev, Soft Start, LRS.
2. MCC:Fixed & Draw out type for LV AC motors

Technical Skills

Reading ofHT/ LT single line diagrams,protection and meteringdiagrams, switchgear control diagrams, Motor control diagramsMarshalling and interlocks diagrams.

Reading Knowledge of diagrams, Control Panel, Relay logic and logicgate Diagrams Co Ordination with operation in following up normalstartup and shutdown procedures in an continuous process industry.

Involving inPreventive maintenance schedulingand day to daypreventive maintenance for Circuit breakers, Motors, Starter Modules,local control Panels.

* Synchronizing, Operation Cum Maintenance, Routine checkups ofupto 11KV Turbine & Diesel Generator sets.
* Trouble shootingand maintenance of overheadcranescapacity variesfrom 10 –60 tons
* Trouble shooting and maintenance of electromagnets
* Effectively involved innew plant erection ,commissioning and testing
* Knowledge inSafety proceduresto work on electrical equipments.
* PerformingEffective Maintenanceof Electrical Equipments.
* Maintenance, Troubleshooting and servicing of Motor OperatedValves.
* Preventive Maintenance of HT/LT circuit breakers of VCB, MOCB,OCB, ACB, MCCB &MPCB
* Maintenance ofbattery charger & UPSinstallation & Maintenance ofBatteries.
* Trouble shooting ofFaulty circuits and fixturesin the plant forillumination Purposes.
* Installation & maintenance of variable frequency drives.

PERSONAL DATA

1.

2.Date of Birth & Age:03/06/1991/ 22 Years.

3.

4.Nationality:Indian

5.Marital Status:Un-married