

Recruitment Policy	FILE identifier	AEL/Recruitment/Policy
	VERSION NO.	1.00
	EFFECTIVE DATE	29-03-2021

Annexure — VI
Job Description Form

BASIC INFORMATION			
Role Title:	Structural Engineer	Business :	Parli Facility
Department:	Production	Age:	25 to 35 Yrs.
Grade:	M1	Designation:	Engineer

Qualifications	
Educational :	Diploma/ B. Tech. in Mechanical Engineering
Professional :	Relevant Experience in Fabrication of all type of Structures

ORGANIZATIONAL RELATIONSHIPS		
Reporting Matrix:	Reporting:	Production
Roles Reporting to this position:	Direct Reporting:	Production In charge
	Indirect Reporting:	Plant In charge & Plant Head

ROLE
<p>To execute and monitor structural fabrication activities on the shop floor by ensuring accurate implementation of approved drawings, adherence to production schedules, and strict compliance with quality and safety standards. The role includes coordination of stage-wise inspections (fit-up, welding, dimensional checks, NDT, and final inspection) with QA/QC to ensure defect-free and timely project delivery.</p> <p>The position shall also be responsible for:</p> <ul style="list-style-type: none"> • Fabrication: Overseeing skid measurement, marking, fit-up, dry survey, dimensional control, and coordination of NDT activities such as X-Ray and UT inspections. • Assembly: Supervising zero tolerance fit-up, ensuring compliance with class notations, alignment standards, and assembly specifications. • Safety: Ensuring adherence to preliminary shipbuilding safety norms at work sites and being proactive in fire hazard identification and emergency response awareness. • Welding & Fabrication Processes: Applying knowledge of MIG, TIG, Back Strip welding and other relevant processes, ensuring welded joints meet quality standards and class notation requirements.

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MEASURES

- Achievement of daily and monthly production targets as per plan
- Adherence to fabrication drawings with zero technical deviations
- Reduction in rework and rejection percentage
- On-time completion of assigned production milestones
- Material utilization efficiency and control of wastage
- Timely closure of QA/QC observations
- Compliance with WPS, ITP, and quality standards
- Safety compliance in allocated work area (Zero unsafe practices)
- Accuracy and timely submission of production reports
- Effective coordination with planning and quality teams

AACOUNTABILITIES

- Study and interpret structural drawings, GA drawings, fabrication drawings, and BOM.
- Coordinate with Planning and Production teams to execute fabrication activities as per schedule.
- Ensure fabrication activities are carried out as per approved drawings and specifications.
- Monitor daily production progress and report deviations.
- Ensure compliance with WPS, ITP, and quality standards.
- Coordinate with QA/QC for stage inspections and clearance.
- Control material usage and minimize rework and rejection.
- Support in resolving technical issues at shop floor level.
- Maintain production records and documentation.
- Ensure adherence to safety standards and IMS requirements.

SKILLS

Technical Skills

- Strong knowledge of structural fabrication processes.
- Ability to read and interpret fabrication drawings.
- Knowledge of welding procedures and inspection stages.
- Understanding of IS/AWS/ASME codes (as applicable).
- Basic knowledge of ERP systems and MS Office.

Behavioral & Functional Skills

- Good coordination and communication skills.
- Problem-solving ability at shop floor level.
- Attention to detail and quality-focused mind-set.

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- Ability to work under production deadlines.
- Team-oriented approach.