

Revised EOT Crane requirements and its span

Sl. No.	CapEx Approval Clause No.	Item name & broad specification as per proposal	Qty. (No. / Set)	Items Planned (Revised)	Justification
1	F-20	EOT Crane Capacity: 10T Span: 33.5M	2 Nos.	EOT Crane Capacity: 10T Span: 32 m	Cranes required In Shop-1 to cater to loading & setting of jobs at (i) Friction Stir Welding m/cs (ii) Assembly of fixtures and components in machines (iii) handling of finished product at NDT and dimensional inspection area. Two nos. of crane are proposed to avoid waiting / idle time of costly work centres.
2	F-22	EOT Crane Capacity: 10T; Span: 23M	1 No.	EOT Crane Capacity: 10T Span: 22 m	It is proposed for Shop-4 for material handling in Chemical process shop (Chemical milling and Anodising plant).
3	F-23	EOT Crane Capacity: 10T; Span: 14M	1 No.	EOT Crane Capacity: 10T; Span: 12 m	It is required for tool room area located between Shop-1 & 2. Fixtures & components not operated in Shop 1 & 2 will be stored in this area. Hence one crane is proposed in this area.
4	F-24	EOT Crane Capacity: 5T; Span: 23.5M	3 Nos.	EOT Crane Capacity: 5T; Span: 22 m	Shop-3 have 4 major work centers consisting 2 Furnaces, Stretch forming and Three roll bending machine. Stretch forming is to be completed within 1 hour of heat treatment (Solutionising). Raw material storage is also planned in same building which needs frequent handling of thin large plates. Hence two Cranes are required in Shop-3. One Crane is planned for Shop-2 for handling of jobs in VTMC & Router.

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5	F-26	EOT Crane Capacity: 5T; Span: 10M	1 No.	EOT Crane Capacity: 5T; Span: 9 m	This Crane is proposed for Proof Pressure test area