

Reasoned Documents based on comments received on the STR for Mechanical Signalling Items (draft) SIQ 0211

Sr No.	Equipment as per STR no. SIQ0211	M/s. Sigma Trade Agency (SN-484)	M/s. Ma-Tara Engineering Works (SN-485)	M/s. NSS Stores Supply Agency Pvt. Ltd (SN-490/2)	RDSO Remarks
1.	DG Set-125 KVA (Section E)	DG set of 70-80 KVA is sufficient in terms of work load as total operational work load is 30-40 HP.	DG set of 70 KVA is sufficient for work load instead of 125 KVA	-----	May be agreed to minimum 80 KVA in view of firm's comments and also few machines as furnace, forging accessories machines and surface finishing equipments are being outsourced in the STR.
2.	(i) Furnace (Optional)* and Forging accessories machine (Optional)#	----	-----	(i) If casting or forging items are allowed from outside , then quality of casting & forging items not maintained properly Maximum vendors procured the castings & forging from open market & these foundries have no strictly maintaining the manufacturing of casting process as per IS: 210/2009. Finish materials of castings shall not be sound clean, free from porosity and maximum casting manufacture	RDSO's views in this regard are as under- (a) Furnace is required only for few items of the STR so it can be outsourced from ISO certified firms. Hence furnace is made "OPTIONAL" in the STR. If furnace is made mandatory, vendor base may decrease as demand of mechanical signaling items is diminishing day by day and vendor may not like to make investment. It will be appropriate to remove "OPTIONAL" word with furnace as it is indicated at Note no. 1 of STR about items for which furnace is required.

				<p>blow holes, hard spots, cracks, cold shunts, sand and slag inclusive & others harmful defects.</p> <p>(ii) Universal Testing Machine are essential for testing of C.I. test bar grade and M.S. test Bar for confirmation of mechanical properties before manufacturing.</p>	<p>(b) Forging accessories machine is not required for the item apparatus case only so it will be appropriate to remove “OPTIONAL” word with Forging accessories machine as it is mandatory for all remaining items.</p> <p>(c) No any quality issue regarding casting item has been reported by Zonal Railways. Hence firm’s statement that due to outsourcing quality may be compromised does not seems correct.</p> <p>(ii) Universal testing machine is not required as in the STR already all required machines are included and also each firm submit chemical analysis report of metallic parts from Govt./recognized labs as per sr. no. 11 section (E) of STR. Hence firm’s comment for mandatory requirement of furnace and forging accessories machine and also requirement of UTM Machine may not be accepted as it will be restrictive in nature.</p>
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