

PARAT HEAVY ELECTRICALS LIMITED, BHOJAL
QUALITY CONTROL TRANSPORTATION
QUALITY ASSURANCE PLAN (QAP)

QA Plan for Steel Bar H&T to BP10590
QAP No : QTM/QAP/VENDOR/21-22/09 REV.00 Dt:12.01.2022

Sl. No.	Name of the process	Parameters for inspection	Quantum of Check*		Mode of inspection/ equipment used	Drawing No./Spec./ Std.	Acceptance norms***	Requirement from supplier (See note 1)
			TP/Supplier	TP/AQC**				
1	Melt analysis	Chemical Composition	One sample/ heat / Lot	100% TC Verification	Spectrometer / Wet analysis method	As per BHEL drawing/ specification	As per BHEL drawing/ specification	a) TC (as per specification) to be in supplier's format with all parameters from NABL accredited Lab. b) Three shafts with diameter length per heat / per heat marked on to be punched marked on extended portion by supplier. Same to be correlated by TPA (for heat & heat) to be punched by supplier. Supplier reports, provided against clause 1(a). Extended portion of 3 nos. shaft per heat per heat treatment batch (correlated with TPA) to be marked by TPA before parting from shaft. Extended portion of shaft (Duty seal marked by TPA) to be supplied along with commitment.
2	Mechanical Testing	Mechanical properties mentioned in the BHEL specification/ drawing	One sample/ Heat treatment batch / Lot	100% TC Verification	Mechanical testing equipment	As per BHEL drawing/ specification	As per BHEL drawing/ specification	

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Page 1 of 3
QA/Quality Control
(BHEL, BHOJAL)

Page 2 of 3 Grade
(G.E. Return)
(Don't Miss!)

Notes:

- Meaning of Legends: '#' - Supplier to submit test certificates & reports of above mentioned parameters.

Abbreviation: TPJA –BHEL appointed third Party Inspecting Agency, T P – Task Performer (vendor), QC-QIX

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Page 3 of 3 Grinder
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