

ISO 9001:2015	Document No: TM/HM/6/515	Version No:0.0	Date effective
Specification of Head Rest for Wheel Support Cylinder of T-Exp. (Part no UD50.207 & E34.143AS)			



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SPECIFICATION NO. TM/HM/6/515
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- 1.0 Scope:** This specification covers the dimensional, functional and material requirements with testing criteria of head rest for wheel support cylinder. This specification may be treated as provisional subject to modifications based on service performance.
- 2.0 Reference Documents:** Following documents have been referred to in this specification. Full sets of relevant drawings and the referred codes/specifications, duly incorporating the up-dated corrections/amendments, shall be available for reference at manufacturer's works.
- i) IS:13463-1992–Polyamide (Nylon-6) material for moulding and extrusion–Specification.
 - ii) RDSO Drg. No. RDSO/TM/05/22 Head rest for wheel support cylinder.
- 3.0 Functional Requirement:** It is used to support the machine as buffer between support cylinder and machine. All surfaces meant for machining shall be finished as mentioned in the drawing no. RDSO/TM/05/22.
- 4.0 Dimension & Tolerance:** Dimensions and tolerances of Head rest for wheel support cylinder shall be as mentioned in RDSO drawing no. RDSO/TM/05/22.
- 5.0 Material:** The Head rest for wheel support cylinder shall be manufactured from polyamide (Nylon-6) confirming to IS:13463-1992 Polyamide (Nylon-6) material for moulding and extrusion–Specification.
- 6.0 Manufacturing Process:** Head rest for wheel support cylinder shall be manufactured by moulding or machining process.
- 7.0 Marking:** Month and year of manufacture and manufacturer's code / identification shall be engraved / embossed on the non-functional surface of Head rest for wheel support cylinder
- 8.0 Inspection And Acceptance Criteria:**
- i) Each components offered by manufacturer shall be checked visually for their surface finish, freedom from defects like porosity, cracks, improper edges etc.
 - ii) The component found suitable after visual inspection, shall be checked for their dimensions as per relevant drawing.

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- iii) Minimum one or 2% of sample randomly picked up from each lot of consignment shall be checked for their characteristic requirement as per relevant code mention in IS: 13463-1992.
- iv) Supplier shall produce the certificate that the raw material used for manufacturing of the Head Rest shall be conforming to IS:13463-1992– Polyamide (Nylon-6).
- v) Any deviations in the test result from the requirement of the specification and drawing shall be the cause of rejection.

9.0 Packing and Protection: Each component shall be protected with suitable wrapper and shall be packed in cardboard case.

FINAL DRAFT

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