

Annexure

Cage / Skip suspension gears should be supplied as per drawing no.

- a) MECL/TMD/01-8 (General arrangement drawing)
- b) MECL/TMD/8-1 (Detailed Engg. drawings)
- c) MECL/TMD/8-2 (Detailed Engg. drawings)
- d) MECL/TMD/8-3 (Detailed Engg. drawings)

- 1) The cappel, chase blocks and other parts of suspension gears shall be suitable for 10 T SWL for use with 26 mm FLC wire rope. All the components of the suspension gear shall be tested by Central Institute of Mining and Fuel Research Institute (Council of Scientific & Industrial Research) Dhanbad, Jharkhand, which is a DGMS approved test house. Supplier should strictly follow the latest provision of approval as stipulated by DGMS for manufacture' testing & design of cage suspension gears from time to time and as per latest design mentioned in the DGMS circulars issued from time to time.
- 2) Material of construction various components shall be strictly as mentioned in the drawings.
- 3) Material test certificated shall be furnished along with supply.
- 4) Supplier should furnish fitment guarantee certificate along with the material.
- 5) All the components of suspension gears shall be 100% tested by CIMFR, Dhanbad, a Govt. / DGMS approved test house for proof load and NDT tests. Chemical composition test of at least 10% of ordered quantity shall be done by CIMFR, Dhanbad, a Govt. / DGMS approved test house. Test certificates including chemical composition test certificate of all such components shall be furnished along with the supply.
- 6) All components shall be tested at a proof load of three (3) times of SWL.
- 7) Each component shall have specific identification marks and DGMS approval nos.
- 8) Supplier must supply 03 (three) sets of DGMS approved drawings of vital components of suspension gear such as safety hook, chase block, various sizes of pins, cappel etc along with the supply.



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AS MENTIONED ABOVE

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