

# SPECIFICATION OF PERMANENT LIFTING MAGNETS

## 1. Application

Lifting magnets (1T & 2T capacity) will be used to ensure smooth & safe handling of gas cut / machined components in fabrication shops.

## 2. Technical Specification:-

2.1 Type : Permanent magnet

2.2 Capacity: Lifting capacity - 1T (2 nos.) ;Lifting capacity – 2T (2 nos.)

2.3 No. of Poles : 2 pole

2.4 Lifting/Testing capacity: 1T/3T (2 nos)

: 2T/6T (2 nos)

## 3. Technical Features:

3.1 Light weight & robust construction.

3.2 Maintenance free

3.3 Does not need electrical energy.

3.4 High effort/weight ratio.

3.5 Convenient to use.

3.6 Mechanical Switching by turning a lever with a locking.

3.7 Easily transportable.

3.8 Lifting magnet should work on un-machined mill supplied plates

## 4. Scope of Supply

4.1 Permanent lifting magnets.

4.2 Complete in ready to use condition.

4.3 Three sets of operation manuals consisting of

Operating instructions.

Dos & Don'ts.

Rajeev  
20/5/13

5. Pre-dispatch inspection at vendor's works by BHEL personnel.
6. Commissioning at BHEL works by vendor.
7. The Magnet must have lifting arrangement on the top.
8. 12 months guarantee for smooth & trouble free working from the date of Successful trail at our works.
9. Party to send product catalogue with the offer indicating Model No. offered. Only catalogue items to be offered.
10. List of customers to whom same or higher capacity Permanent lifting magnets have been supplied & working satisfactory.

Rajeev  
2015/13  
Rajeev Ranjan  
Engr-WT

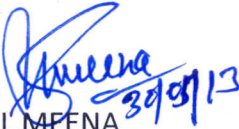
HW/WT/2013-2014

Date: 30/05/2013


**Pre –Qualifying Requirement of vendors for Supply of Permanent Lifting Magnet**

**Capacity-1Ton & 2 Ton.(PQR):**

1. Vendor should have experience of manufacturing the offered or higher capacity Permanent Lifting Magnet for at least 3 Years.
2. The offered model shall be from current manufacturing range.
3. Vendor to submit customers list at least 3 years for above mentioned supply and their performance feedback.

  
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SDGM (WT)

  
RAJEEV RANJAN

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