



QM-C-7.1/COUPLER/0001/D

Inspection Plan(Check Sheet)

Item: Knuckle Thrower
Specn. : 48-BD-08
Amd.:
Drg. No. & Alt.: SK-62724, Alt.23, Item-9

1. Name of Manufacturer :
2. Date of Offer :
3. RDSO File No. :
4. Description of Material :
5. Drawing and Alt. No. :
6. Specification and Grade :
7. P.O. No. :
8. Total Quantity Ordered :
9. Quantity Earlier Passed :
10. Quantity now offered :
11. Consignee :
12. D.P. :

1. Date of Inspection
2. Quantity Accepted
3. Quantity Rejected
4. Balance Order

Signature of firms Representative

RDSO Representative

Name Designation & Stamp



METALLURGICAL REPORT
(SPEC. : AARM-201 GR-B)

1 (A) CHEMICAL COMPOSITION (as per M & C Heat Clearance Register)

Heat No.					
Body Sl. No.					
Qty. Cast					
Qty. Passed					
Qty. Offered					
Qty. Balance					
% AGESPEC					
C-0.32 Max					
Mn-0.90 Max					
P-0.030 Max					
S-0.030 Max					
Si-0.60 Max					

(B) MECHANICAL PROPERTIES (as per the Register)

SPEC N/mm ²					
UTS-482.652					
YS-261.927					
EL%-24					
RA%-36					
Impact- 2.07 Kg.m (-7 ⁰ C)					
Hardness 137-208 BHN					
Ht. Cl. Dt.					
Micro Temp. Martensite					

Annealing Lug Test
i. Break one Lug of 1%
Whichever is higher
& conduct the following
Test in Spectro.

(a) Heat No.
(b) Sl.No.

Chemical :-
Heat No.

C-

Mn-

P-

S-

Si-

(ii) Grain :
Size :
6-9 :

(iii) Micro Structure

(iv) Hardness

(v) Confirmed that all
material bear
manufacturer's initial and
Serial No. as per as per Drg.

(vi) Checked H.T. Register
& confirmed that all the
serial nos. offered have
been properly heat treated
as per H.T. register.

Signature of firms Representative

RDSO Representative

Name Designation & Stamp



1. Knuckle Thrower Batch No.
2. Whether meturgical test report of Knuckle Thrower is attached and heat no. mentioned.

No. of heats
Involved

All Heats
Cleared

RDSO I & L
Insp. Clear

a. Knuckle Thrower

3. Gauge Application (5%)

a. Knuckle Thrower

Signature of firms Representative

RDSO Representative

Name Designation & Stamp



GAUGE CHECK

Sl. No.	Attributes / Parameters	Gauge Drg. No.	Observation
A.	KNUCKLE THROWER GAUGE		
1.	CONTOUR COMPOSITE GAUGE	WD-84073-S/66-RC	
2.	TRUNION	WD-84073-S/60-RC	

Signature of firms Representative

RDSO Representative

Name Designation & Stamp