



**QM-C-7.1/Coupler/0001/M**  
**Inspection Plan(Check Sheet)**

**Item:** Striker Casting with Wear Plate  
**Specn. :** 48-BD-08  
**Amd.:**  
**Drg. No. & Alt.:** WA/BD-4460, WA/BD-4461

1	P.O NO	
2	R.D.S.O CASE NO	
3	NAME OF FIRM	
4	DATE OF INSPECTION	
5	QUANTITY ON ORDER	
6	QUANTITY EARLIER PASSED	
7	QUANTITY NOW OFFERED	
8	QUANTITY NOW PASSED	
9	QUANTITY REJECTED	
10	DATE OF OFFER	
11	CONSIGNEE	
12	D.P	

SIGNATURE OF FIRM REPRESENTATIVE

SIGNATURE OF RDSO INSPECTOR



**INSPECTION CHECK SHEET FOR STRIKER CASTING (BG ) WITH WEAR PLATE  
TO R.D.S.O DRG. NO – W/BD – 4460**

13. LAB: test report for chemical & physical of each lot ( attach copy ) spec.  
AAR M – 201 Gr. B CAST STEEL IS : 1030 Gr. 27-54

14. visual 5%

1	2	3	4	5	6	7	8	9	10	11	12	13	14

15. dimensional check : 5% checked by gauge ( all dimension in mm )

SAMPL NO	MOUTH OPENING	FLANGE THICKNESS	LUG LENGTH	REAR LUG OUT SIDE WIDTH	RIB THICKNESS	FLATNESS WITHIN
	182.5 +3/-1.5	16±1.5	381.5±1	327+0/-1.5	16±1.5	1.2

16. MARKING : manufactured initial , years of manufacture & Sl. No. as cast stamped as per drawing.

17. REMARKS :

SIGNATURE OF FIRM REPRESENTATIVE

SIGNATURE OF RDSO INSPECTOR



**INSPECTION CHECK SHEET FOR STRIKER CASTING (BG ) WITH WEAR PLATE  
TO R.D.S.O DRG. NO – W/BD – 4461**

13. LAB: test report for chemical & physical of each lot ( attach copy ) spec.  
CAST STEEL IS : 1030 Gr. 280-520 W

14. visual 5%

1	2	3	4	5	6	7	8	9	10	11	12	13	14

15. dimensional check : 5% checked by gauge ( all dimension in mm )

SAMPL NO	MOUTH OPENING	FLANGE THICKNESS	LUG LENGTH	REAR LUG OUT SIDE WIDTH	RIB THICKNESS	FLATNESS WITHIN
	182.5 +3/-1.5	16±1.5	381.5±1	327+0/-1.5	16±1.5	1.2

16. MARKING: manufactured initial , years of manufacture & SI. No. as cast stamped as per drawing.

17. REMARKS :

SIGNATURE OF FIRM REPRESENTATIVE

SIGNATURE OF RDSO INSPECTOR



**METLURGICAL REPORT OF STRIKER CASTING (DRG. NO – WA/BD-4460)**

**1. (A) CHEMICAL COMPOSITION (AS PER M&C ) AND CLEARANCE**

HEAT NO.				
QTY. CAST				
QTY. PASS				
QTY. OFFER				
QTY. BAL.				
% SPEC.				
C				
Mn				
Si				
S				
P				
<b>MECHANICAL PROPERTIES</b>				
SPEC				
UTS				
YS				
EL%				
RA%				
HARD (BHN)				
MICRO				
GRAIN				

<b>SPECIFIED VALUE</b>			
PRAM	GRADE B		
C%	0.32 MAX.		
Mn%	0.90 MAX.		
Si%	0.60 MAX.		
S%	0.030 MAX.		
P%	0.030 MAX.		
UTS *	49.20		
YS *	26.70		
EL %	24.0		
RA %	36.0		
HARD. (BHN)	137 to 208		
MICRO	Pearlite+ Ferrite		
GRAIN	6 to 8		

\*kg / mm 2

SIGNATURE OF FIRM REPRESENTATIVE

SIGNATURE OF RDSO INSPECTOR



**METALLURGICAL REPORT OF STRIKER CASTING (DRG. NO. – W/BD – 4461)**

**(1) CHEMICAL COMPOSITION (AS PER M&C) HEAT CLEARANCE REGISTER**

HEAT NO.							
QTY. CAST							
QTY. PASSED							
QTY. OFFERED							
QTY. BALANCE							
% AGE SPEC.							
C	0.25 Max.						
Mn	1.20 Max						
Si	0.60 Max.						
S	0.035 Max.						
P	0.040 Max.						

**(2) MECHANICAL PROPERTIES (AS PER THE REGISTER)**

<b>SPECIFIED IS : 1030 Gr. (280 – 520 w)</b>	<b>Kg/mm<sup>2</sup></b>						
UTS	53.04						
YS	28.56						
EL %	18.00						
RA %	25.00						
IMPACT (J) Min.	20.00						
HARDNESS (BHN)	----						
MICRO	Pearlite Ferrite						
GRAIN	5 – 6						

SIGNATURE OF FIRM REPRESENTATIVE

SIGNATURE OF RDSO INSPECTOR



GAUGE CHECK SHEET FOR STRIKER CASTING

DRG. NO – WA/BD – 4460

Actual no of samples:  
Sample size 5% :

S.NO	DESCRIPTION																		
01	Mouth opening																		
02	Flange thickness																		
03	Lug length																		
04	Rear lug out side width																		
05	Rib thickness																		
06	Flatness																		

SIGNATURE OF FIRM REPRESENTATIVE

SIGNATURE OF RDSO INSPECTOR



GAUGE CHECK SHEET FOR STRIKER CASTING

DRG. NO – WA/BD – 4461

Actual no of samples  
Sample size 5 %

S.NO	DESCRIPTION																		
01	Mouth opening																		
02	Flange thickness																		
03	Lug length																		
04	Rear lug out side width																		
05	Rib thickness																		
06	Flatness																		

SIGNATURE OF FIRM REPRESENTATIVE

SIGNATURE OF RDSO INSPECTOR