NA6550-282-031213 Certificate Report No.:

**Mettler Toledo** 

Service Business Unit Industrial 1900 Polaris Parkway Columbus, Ohio 43240 1-800-METTLER

# **METTLER TOLEDO**

ISO 9001 Registered

### **Calibration Certificate**

#### Customer

Company:	G & R Cold Forging Inc					
Address:	7072 Smith Industrial Drive					
City:	McGregor	State/Province:	Ontario			
Zip/Postal:	NOR 1J0	Customer ID:	C036227001001			
Device						
Manufacturer:	METTLER TOLEDO	Terminal Model:	N/A			
Model:	VIPER SD 30	Terminal Serial No.:	N/A N/A			
Serial No.:	2574369-7HE	Printer Serial No.:				
Capacity:	75 lb	Dept./Room:	Shipping G1			
Readability:	0.005 lb	No. of Divisions:	15000			
Scale Class:	II	Procedure Used:	NIST Handbook 44			
Customer Asset #/ID:	N/A					
Calibration Date:	12-Mar-2013	Next Cal. Due Date:	30-Sep-2013			
Service Technician:	Karl Mikes	Signature:	ELECTRONIC SIGNATURE			

### **Reference Weights**

Traceability	Test weights used are traceable to the National Institute of Standards and Technology.	
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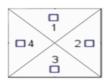
Weight Set No.:	NIST Traceability No.:	Class ASTM/OIML:	Calibration Date:	Calibration Due Date:
W1 - W10	1359878	ASTM 5	12-Mar-2012	12-Mar-2013
Kit # 87914	1359858	ASTM 5	28-Aug-2012	28-Aug-2013

Software Version: 4.5.1.0 Page 1 of 3 Certificate Report No.: NA6550-282-031213

## **METTLER TOLEDO**

## **Measuring Results**

#### **Shift Test**



		As Found
Weights Applied	Position	Displayed Value
1: 30 lb	Position 1	30.005 lb
2: 30 lb	Position 2	30.005 lb
3: 30 lb	Position 3	30.005 lb
4: 30 lb	Position 4	30.005 lb
Maximum Error:	0.005 lb	
Max Allowable Error:	0.010 lb	

As Left
Displayed Value
30.000 lb
30.000 lb
30.000 lb
30.000 lb
0.000 lb
0.01 lb

### Linearity

	As Found						
	Weights Applied	Reading	Erro	Error		Within Tol	
Zero 1	0.000 lb	0.000 lb	0.000 lb	0 d	1 d	YES	
2	10.000 lb	9.995 lb	-0.005 lb	1 d	1 d	YES	
3	50.000 lb	49.990 lb	-0.010 lb	2 d	2 d	YES	
Max 4	75.000 lb	74.985 lb	-0.015 lb	3 d	2 d	NO	
5	50.000 lb	49.990 lb	-0.010 lb	2 d	2 d	YES	
6	10.000 lb	9.995 lb	-0.005 lb	1 d	1 d	YES	
Zero 7	0.000 lb	0.000 lb	0.000 lb	0 d	1 d	YES	

☐ Substitution method used

Software Version: 4.5.1.0 Page 2 of 3 © METTLER TOLEDO

Certificate Report No.: NA6550-282-031213

## **METTLER TOLEDO**

	As Left						
	Weights Applied	Reading	Error		Allowable Error	Within Tol	
Zero 1	0.000 lb	0.000 lb	0.000 lb	0 d	1 d	YES	
2	10.000 lb	10.000 lb	0.000 lb	0 d	1 d	YES	
3	50.000 lb	50.000 lb	0.000 lb	0 d	2 d	YES	
Max 4	75.000 lb	75.000 lb	0.000 lb	0 d	2 d	YES	
5	50.000 lb	50.000 lb	0.000 lb	0 d	2 d	YES	
6	10.000 lb	10.000 lb	0.000 lb	0 d	1 d	YES	
Zero 7	0.000 lb	0.000 lb	0.000 lb	0 d	1 d	YES	

Max 4	75.000 lb	75.000 lb	0.000 lb	0 a	2 d	YES			
5	50.000 lb	50.000 lb	0.000 lb	0 d	2 d	YES			
6	10.000 lb	10.000 lb	0.000 lb	0 d	1 d	YES			
Zero 7	0.000 lb	0.000 lb	0.000 lb	0 d	1 d	YES			
Subs	Substitution method used								
Adjustment of scale has been necessary In case of "NO", "AS FOUND" results correspond to "AS LEFT"  YES NO									
Remarks									
None.	None.								

Software Version: 4.5.1.0 Page 3 of 3