Declaration of Performance

DOP No. 112

In accordance to CPR 305/2011:

1. Identification of product type: Aluminum solid wire electrode

   Brand name: Hobart® MaxalMig 5554

   Part numbers and diameters: 5554SSSP where S = 030 (0.8mm), 035 (0.9 mm), 047 (1.2mm), 062 (1.6mm) and P Package) = 04, 08, 12, 12P, 12P22, 23E, 23L, 23.

   Classification: EN ISO 18273 S Al 5554 AlMg2.7Mn

2. Batch number identifying the construction product: Refer to product label
3. Intended use of the construction product: Use in metallic structures or composite metal and concrete structures
4. Name and contact address of the manufacturer: Hobart Brothers Co. 1631 International Dr. Traverse City, MI 49686 USA
5. Authorized representative: N/A
6. System of assessment and verification of constancy of performance of the construction product: System 2+
7. Notified body: TÜV Rhineland/0035 performed:
   - Initial inspection of the manufacturing plant and of factory production control
   - Continuous surveillance, assessment, and evaluation of factory production control under System 2+ and issued certificate of conformity of factory production control no. 0035-CPR-C806
8. European Technical Assessment: N/A
9. Declared performance (see chart on the right):
10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

    This declaration of performance is issued under the sole responsibility of the manufacturer.

    Signed on behalf of the manufacturer by:

    David A. Thomas – Quality Assurance Representative, Traverse City, MI USA 9/14/2015

Essential Characteristics:	Performance:			Harmonized Technical Specification:
	Min	Max	Values	
Chemical composition:				EN 13479:2017
Si:	-	0.25	%	
Fe:	-	0.40	%	
Cu:	-	0.10	%	
Mn:	0.50	1.0	%	
Mg:	2.4	3.0	%	
Cr:	0.05	0.20	%	
Zn:	-	0.25	%	
Ga, V:	-	-	%	
Ti:	0.05	0.20	%	
Zr:	-	-	%	
$Al_{min:}$		Rem	%	
Be:	-	0.0003	%	
Other each:	0.05	0.15	%	
Other total:	0.05	0.15	%	