



Yokohama, July 26, 2022
Our reference : 150262368
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Confirmation

We hereby confirm that the notified body has performed the continuous surveillance, assessment and approval of the factory production control of the manufacturer

TIEN TAI ELECTRODE CO., LTD., No. 6, Kaifa 4th Road, Rende District, Tainan City 717, Taiwan according to the requirements described in Annex ZA of the standard EN 13479:2017.

The test data provided by the manufacturer meet the requirements for type testing described in EN13479:2017 sec. 6.2 for the following welding consumable products:

Type	Brand name	Classification
Tubular cored electrode	TWE-711	ISO 17632-A – T 46 2 P C1 1 H10
	HOBART 71T	
Tubular cored electrode	TWE-715	ISO 17632-A – T 46 3 B C1 1 H10
	HOBART 75T	
Tubular cored electrode	TWE-711M	ISO 17632-A – T 46 4 P M21 1 H10
	HOBART 71TM	
Tubular cored electrode	TM-77	ISO 17632-A – T 46 4 M M21 3 H5
	HOBART 77TM	
Tubular cored electrode	ArcStar T12	ISO 17632-A – T 46 4 P C1 1 H5
	HOBART 12J	
Tubular cored electrode	TWE-81K2	ISO 17632-A – T 46 6 1.5Ni P C1 1 H5
	HOBART 81K2	
Tubular cored electrode	ArcStar 81K2M	ISO 17632-A – T 46 6 1.5Ni P M21 1 H5
Tubular cored electrode	TFW-308LTM	ISO 17633-A – T 19 9 L R M21 3
	FabCO 308LT0	
Tubular cored electrode	TFW-309LTM	ISO 17633-A – T 23 12 L R M21 3
	FabCO 309LT0	
Tubular cored electrode	TFW-316LTM	ISO 17633-A – T 19 12 3 L R M21 3
	FabCO 316LT0	
Tubular cored electrode	TFW-308LP	ISO 17633-A – T 19 9 L P M21 1
	FabCO 308LT1	
Tubular cored electrode	TFW-309LP	ISO 17633-A – T 23 12 L P M21 1
	FabCO 309LT1	
Tubular cored electrode	TFW-316LP	ISO 17633-A – T 19 12 3 L P M21 1
	FabCO 316LT1	
Tubular cored electrode	TFW-309L	ISO 17633-A – T 23 12 L P M31 1
Covered electrode	PipeMark 816	ISO 2560-A – E 46 4 1Ni B 1 2 H5
Covered electrode	TN-28	ISO 2560-A – E 46 6 2Ni B 1 2 H5



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Type	Brand name	Classification
Wire electrode	TM-56	ISO 14341-A – G 42 4 C1 3Si1 H5
	HOBART 70S-6	
Wire electrode	TM-60	ISO 14341-B – G 57A 6 M21 S3M1 H5
Wire electrode	MIG-316LSi	ISO 14343-A – G 19 12 3 L Si
Wire electrode	MIG-316L	ISO 14343-A – G 19 12 3 L
Welding rod	TGA-316L	ISO 14343-A – W 19 12 3 L
Welding rod	TGA-56	ISO 636-A – W 46 6 3Si1 H5
Welding rod	TIG 70S-6	ISO 636-A – W 42 3 3Si1 H5
Welding rod	TIG 70S-6 HT	ISO 636-A – W 42 3 3Si1 H5
SAW solid wire electrode	TSW-12KM	ISO 14171-A – S2Si
	HOBART M12K	
SAW solid wire electrode	TSW-12KH	ISO 14171-A – S3Si
Welding flux	ST 55	ISO 14174 – S A FB 1 55 AC H5
Welding flux	TF-218	ISO 14174 – S A FB 1 55 AC H5
Welding flux	SWX 120 (OEM for Hobart Brothers LLC)	ISO 14174 – S A AB 1 57 AC H5
Welding flux	SWX 150 (OEM for Hobart Brothers LLC)	ISO 14174 – S A FB 1 55 AC H5
Electrode/flux combination	TSW-12KM/SWX 120	ISO 14171-A – S 42 5 AB S2Si H5
	HOBART M12K/SWX 120	
Electrode/flux combination	TSW-12KH/TF-210	ISO 14171-A – S 46 6 FB S3Si H5
	HOBART H12K/HN-521	
Electrode/flux combination	TSW-12KH/TF-218	ISO 14171-A – S 46 6 FB S3Si H5
	HOBART H12K/HN-528	
Electrode/flux combination	TSW-E40/TF-210	ISO 14171-A – S 46 6 FB S3Ni1Mo0.2 H5
	HOBART 40E/HN-521	

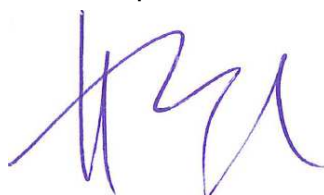
(All brand names with indication "HOBART" are OEM products for Hobart Brothers LLC)

The manufacturer is entitled to affix the CE marking to these products.

The next surveillance of the factory production control is due by end of November 2022.

TÜV Rheinland Industrie Service GmbH

- The inspector -



Dipl.-Ing. Hagl

