


Yokohama, December 24, 2020
Our reference : 150232421
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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	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
Tubular cored electrode	ArcStar T12	ISO 17632-A – T 46 4 P C1 1 H5
Tubular cored electrode	HOBART 12J	ISO 17632-A – T 46 4 P C1 1 H5
Tubular cored electrode	TWE-81K2	ISO 17632-A – T 46 6 1.5Ni P C1 1 H5
Tubular cored electrode	ArcStar 81K2M	ISO 17632-A – T 46 6 1.5Ni P M21 1 H5



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Type	Brand name	Classification
Covered electrode	TN-28	ISO 2560-A – E 46 6 2Ni B 1 2 H5
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 42 3 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-12KH	ISO 14171-A – S3Si
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-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, including the following symbol:



The next surveillance of the factory production control is due by end of November 2021.

TÜV Rheinland Industrie Service GmbH
Notified Body for Construction Products, ID-No. 0035


Dipl.-Ing. Hagl

