



# Welding Consumables Annual Re- Approval Certificate

Date **19 December 2019** Office **Shanghai**

This certificate is issued to  
**TIEN TAI ELECTRODE (KUNSHAN) CO., LTD.**

The undermentioned welding consumables supplied by the company named above have been approved for a further year ending **30 November 2020** with the grading shown.

Trade Name	Section	Grading
<b>Manual and Gravity Electrodes:</b>		
TL-508	3	DXVuO BF 3Ym H15 NA
<b>Gas Shielded Metal Arc Welding</b>		
<b>Flux-Cored Wire/Gas Shield</b>		
TM-70C/CO2	5	DX BF 3YS H10 NA
TM-70C/CO2	5	DX B 3YM H10 NA
TWE-711/CO2	5	DXVudO BF 3YS H5 NA
TWE-711 Ni/CO2	5	DXVuO BF 4YS H10 NA
TWE-712/CO2	5	DXVudO BF 3YS H5 NA
TWE-712/CO2	5	DXVu BF 3YM H5 NA
TWE-81K2/CO2	5	DXVuO BF 5Y46S H5 NA
TWE-81K2C/CO2	5	DXVuO BF 5Y40S H5 NA
<b>Solid Wire/Gas Shield</b>		
TM-56/CO2	5	DXVuO BF 3YS H15
<b>Solid Wire/Gas Shield(GTAW)</b>		
TIG-50/Ar	5	DXVuO BF 3Ym H15 NA
<b>Stainless Steel Consumables</b>		
<b>Flux-Cored Wire/Gas Shield</b>		
TFW-308L/CO2	8	DXVuO BF 304L S CHEM NA
TFW-309L/CO2	8	DXVuO BF SS/CMn S CHEM NA
TFW-316L/CO2	8	DXVuO BF 316L S CHEM NA
FabCO 308LT1/CO2	8	DXVuO BF 304L S CHEM NA
FabCO 309LT1/CO2	8	DXVuO BF SS/CMn S CHEM NA
FabCO 316LT1/CO2	8	DXVuO BF 316L S CHEM NA
FabCO 308LT1/80%Ar+20%CO2	8	DXVuO BF 304L S CHEM NA
FabCO 309LT1/80%Ar+20%CO2	8	DXVuO BF SS/CMn S CHEM NA
FabCO 316LT1/80%Ar+20%CO2	8	DXVuO BF 316L S CHEM NA
TFW-2209/CO2	8	DXVuO BF S 31803 S CHE20
<b>Manual and Gravity Electrodes:</b>		
TS-308L	8	DXVuO BF 304L m CHEM NA
TS-309L	8	DXVuO BF SS/CMn m CHEM NA
TS-316L	8	DXVuO BF 316L m CHEM NA

S.Z. Hao  
Shaozhen Hao  
Shanghai Port Office  
Supervisor to Lloyd's Register Classification Society (China) Co., Ltd.  
Lloyd's Register Classification Society China Co Ltd  
a member of Lloyd's Register Group Limited  
L0631.1.2016.06

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



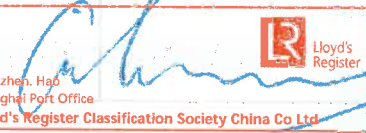
# Welding Consumables Annual Re- Approval Certificate

Date **19 December 2019** Office **Shanghai**

This certificate is issued to  
**TIEN TAI ELECTRODE (KUNSHAN) CO., LTD.**

The undermentioned welding consumables supplied by the company named above have been approved for a further year ending **30 November 2020** with the grading shown.

Trade Name	Section	Grading
<b>Solid Wire/Gas Shield(GTAW)</b>		
<b>TS-308LT</b>	<b>8</b>	<b>DXVuO BF 304L m CRYO NA</b>
<b>TGS-308L/Ar</b>	<b>8</b>	<b>DXVuO BF 304L m CRYO NA</b>
<b>TGS-309L/Ar</b>	<b>8</b>	<b>DXVuO BF 5S/CMn CRYO NA</b>
<b>TGS-316L/Ar</b>	<b>8</b>	<b>DXVuO BF 316L m CRYO NA</b>
<b>Submerged-arc Automatic</b>		
<b>TSW-12KHG/TF-210</b>	<b>4</b>	<b>D B 5Y40M H5 NA</b>
<b>TSW-12KHG/TF-210</b>	<b>4</b>	<b>D B 5Y40T H5 20</b>
<b>2*TSW-12KHG/TF-210</b>	<b>4</b>	<b>D B 5Y40M H5 NA</b>
<b>END</b>		

  
Shaozhen Hao  
Shanghai Port Office  
Lloyd's Register Classification Society China Co Ltd  
LRO1-1-2016.06

S.Z. Hao  
Surveyor to Lloyd's Register Classification Society (China) Co., Ltd.

a member of Lloyd's Register Group Limited

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.