



**Certificate of Conformance  
to Requirements for Welding Electrode  
EN 10204 3.1**

Customer :			
Product :	HF-N	Customer P.O.# :	119121
Lot No. :	80619	Mesh Size :	
Classification :	--	Date of Mfg. :	06/19/2018
Specification :	--	Date of Issue :	07/04/2018
		Certificate No. :	F070418-2
		Lot Classification :	

CHEMICAL ANALYSIS OF FLUX FOR SUBMERGED ARC WELDING

SiO <sub>2</sub>	11.3%
Al <sub>2</sub> O <sub>3</sub> + TiO <sub>2</sub>	17.3%
MnO + FeO	0.5%
CaO + MgO + CaF <sub>2</sub>	70.8%



J. M. WANG  
Q.C Section: J. M. WANG

**Manufacturing, Certification and Limited Warranty Agreement**

Data for the above supplied product are those obtained when welded and tested in accordance with the above specification. All tests for the above classification were satisfied. Other tests and procedures may produce different results. The above supplied product are manufactured by Tien Tai Electrode an ITW Co. located at: No.6 Kaifa 4th Rd., Rende Dist., Tainan City 717, Taiwan R.O.C. Hobart Brothers produces welding consumables under continuing quality assurance programs audited and approved by Lloyd's Register Quality Assurance Limited(LRQA)