



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

Customer :			
Product :	HN-590	Customer P.O.# :	119359
Lot No. :	90415	Mesh Size :	
Classification :	-	Date of Mfg. :	04/15/2019
Specification :	-	Date of Issue :	05/14/2019
		Certificate No. :	F051419-2
		Lot Classification :	

CHEMICAL ANALYSIS OF FLUX FOR SUBMERGED ARC WELDING

SiO ₂	11.2%
Al ₂ O ₃ + TiO ₂	35.5%
MnO + FeO	13.1%
CaO + MgO + CaF ₂	40.0%



J. M. WANG
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)