



广州金源行金属有限公司

钢结构业务介绍



1. 2台 气保焊 (GMAW) 机: 美国 Lincoln Power Wave R450
2. 2台 埋弧焊 (SAW) 机: 美国 Lincoln Power Wave AC/DC 1000 SD (搭配 LSO 功能)
3. 4台 日本 Fanuc 自动焊接机器人
4. 全线激光跟踪 



Suitable product: Socketed Pile

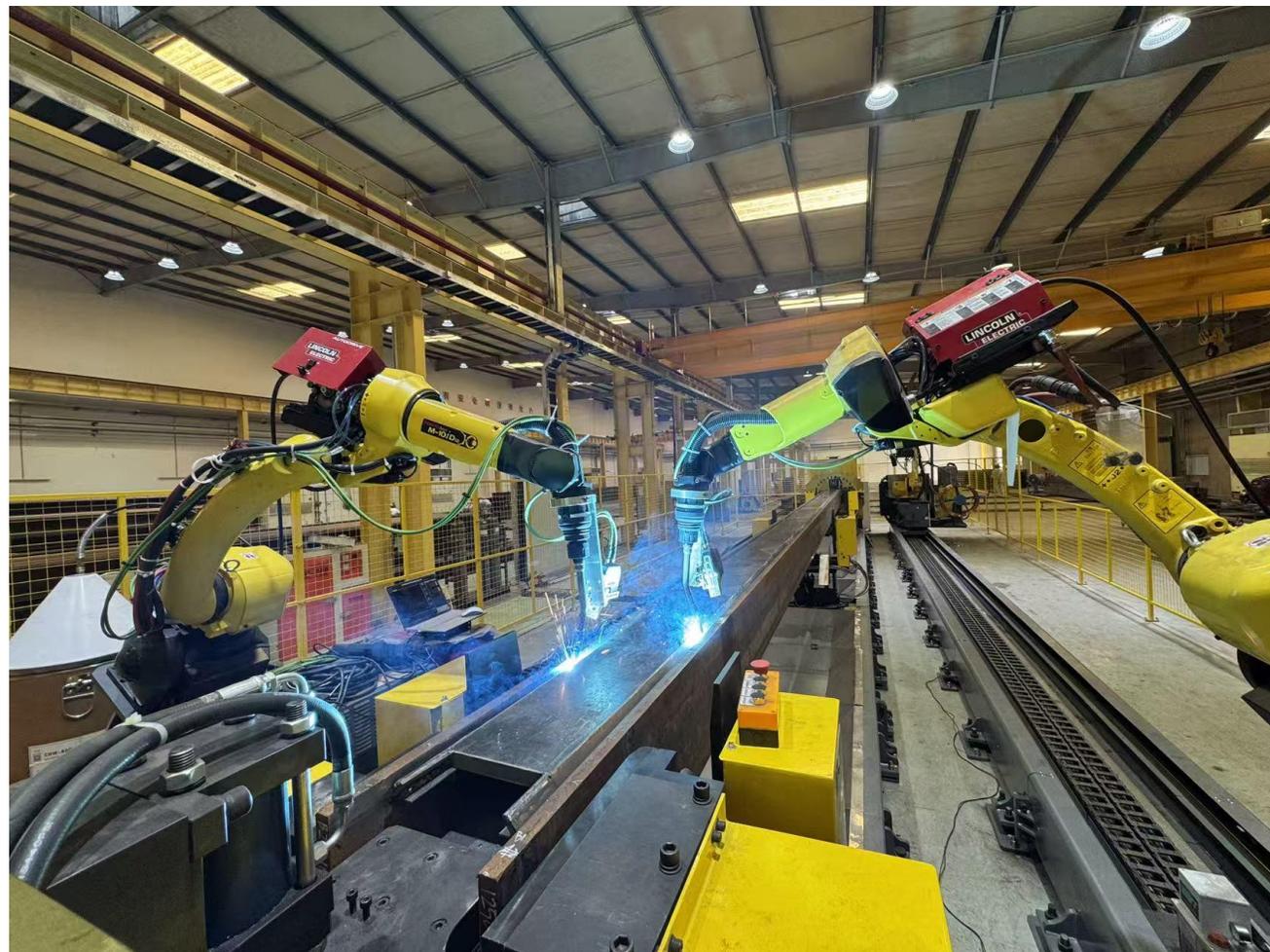
- Fillet Weld (角焊缝)
- Butt Weld (全熔透焊)



机器人自动焊接线

KYH 金源行

现场



Power Wave R450 + FANUC M-10iD

FANUC Robot M-10iD



特性

FANUC M-10iD是一款焊枪电缆、管线包高度集成的智能机器人。

- 该款机器人提升了各种姿态的可达范围。
- 独特的机械结构设计，不仅实现了焊枪电缆的内置安装，而且传感器等电缆也可实现内置走线。
- 智能机器人整体结构更加紧凑，焊接电缆通过J1轴直接紧连安装送丝机，简化安装。
- 高刚性的手臂实现了机器人运动的高速度和高精度，提高了机器人系统的生产效率。
- ROBOGUIDE离线编程大大降低了示教时间。
- 可搭载最新的智能功能*i*RVision（集成视觉）并且能与变位机进行协调运动。

POWER WAVE® R450

业界最强悍的450A机器人焊接电源

高性能焊接系统

- 行业领先——最快的行走速度、最低的飞溅，出色的间隙搭桥能力和卓越的熔深特性
- 全球最快的机器人接口——ArcLink®让最快的生产节拍成为可能
- 可实现材料厚度最宽范围的焊接，从0.6mm到更厚
- 配备包括：镍、不锈钢、低合金和高合金钢在内最全面的焊接模式组合

通过系统数据提高生产力

- 利用林肯电气CheckPoint®生产监控解决方案跟踪焊接数据
- 通过Wi-Fi和蓝牙功能扩展联网和数据访问潜力
- 支持利用可追溯性工具实现直达实际工件和操作员级的质量保证方案



额定功率

450A@100%，500A@60%

工艺——基本型

MIG、TIG、药芯焊丝

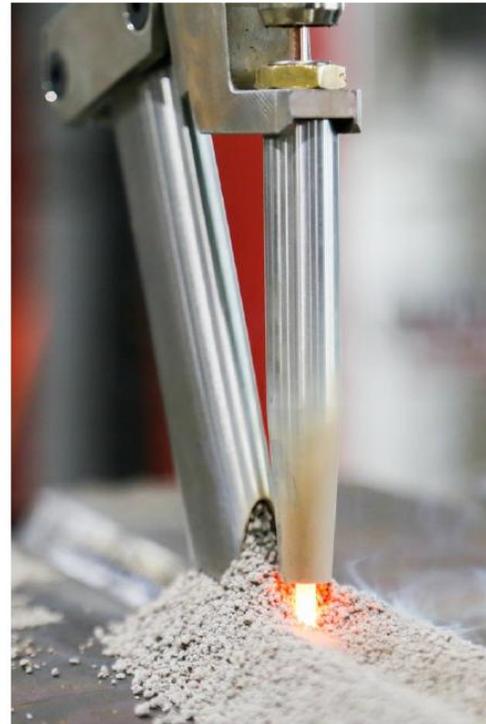
埋弧焊 (SAW)

Lincoln LSO (Long Stick Out) 工艺 - 熔覆率翻倍



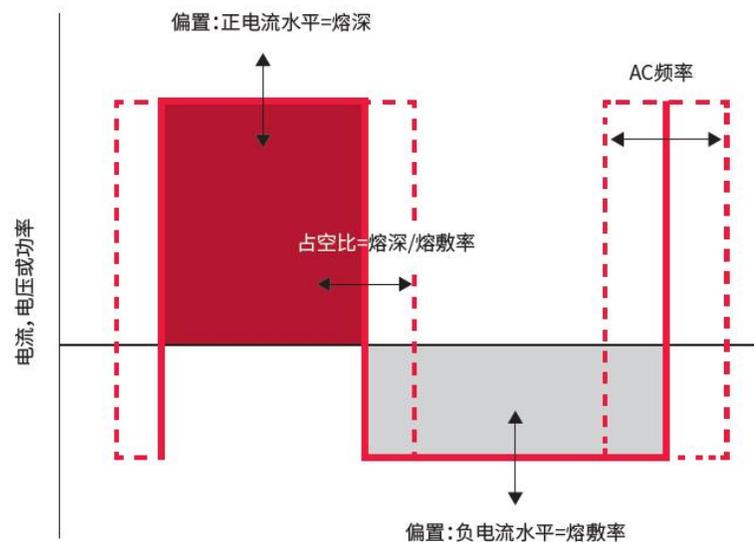
32mm干伸长 → 155mm干伸长

- 应用K148焊枪，始终保持焊丝与导电嘴之间导电接触的最佳状态
- 使用4.0mm焊丝干伸长可达155mm，焊丝通过长干伸长延长导向杆进行导向
- 增长的焊丝干伸长， RI^2 电阻热对焊丝进行预热
- 当同等电流密度下，预热后的焊丝更容易融化，进而增加熔敷率



Power Wave AC/DC 1000SD

POWER WAVE® AC/DC 1000®
逆变波形控制技术

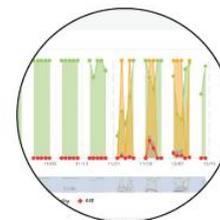


数据监测
由信息引导出解决方案



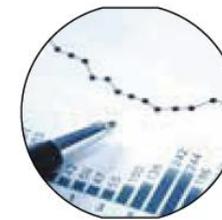
警报

收到基于设备状况和焊丝使用情况的邮件通知。



生产监控

查看每一台焊机和焊缝细节的实时状态。



可追溯

通过收集审核线索数据来满足报告需求。

成品展示 Socketed Pile

KYH 金源行

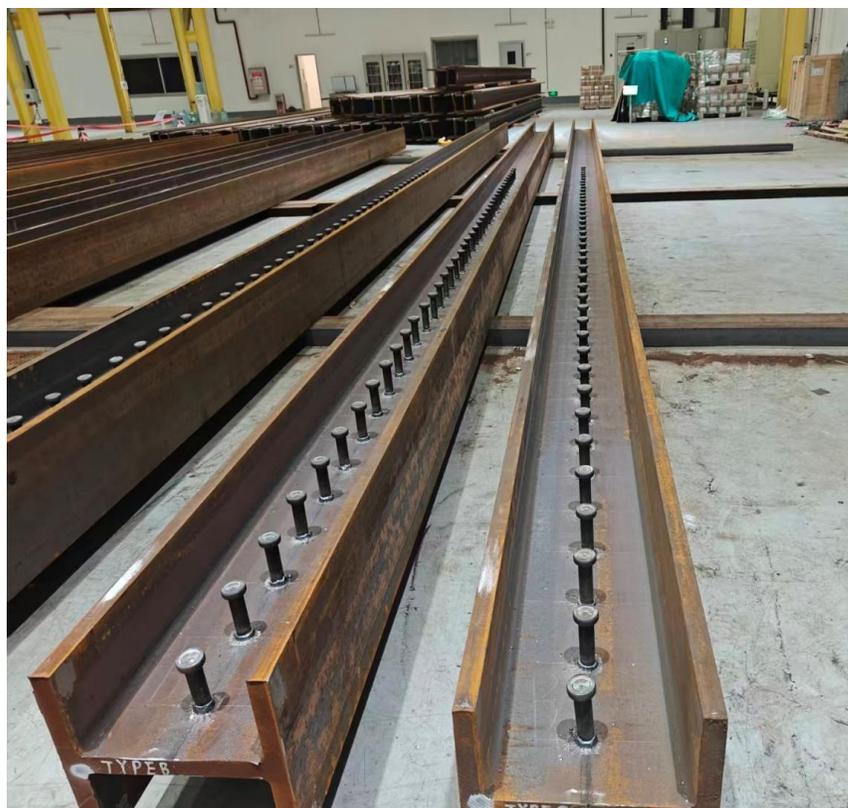
Steel H-Pile Socketed Pile with Strengthening Steel Plate



- 2台Nelson Nelweld 6000焊机+NS20重型焊枪，
搭配Nelson原厂Shear Stud，确保焊接质量。



- 焊接人员持HOKLAS认证的第三方颁发的ISO 9606 焊工证书；
自动焊接操作人员持ISO 9606焊工证书及ISO 14732操作员证书。



半自动焊机

KYH 金源行

林肯Power Plus 1000HD半自动埋弧焊机+送丝机+焊接小车



林肯OPTIMARC CV/CC 505 多功能气保焊机

- 装配
- 点焊
- 修补



NDT: Ultrasonic Test

KYH 金源行

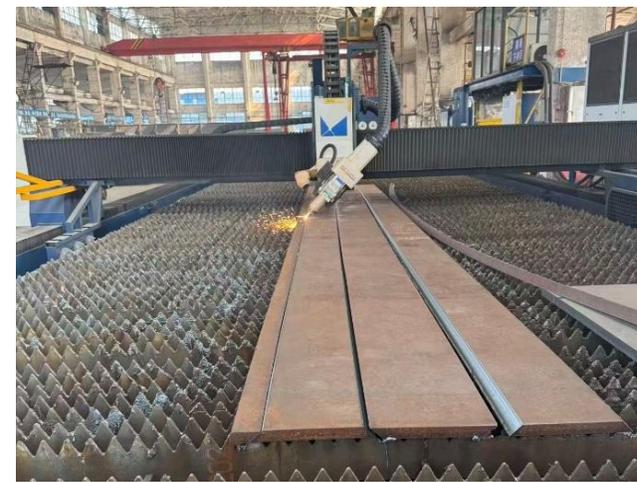
自购SIUI UT设备, 用于自检焊缝内部缺陷, 改善焊接工艺



热切割主要设备及能力

割炬	数量	类型/功率	最大/推荐切割厚度	设备厂家
火焰	3+5	氧气乙炔	130mm/100mm	梅塞尔
等离子	3	海宝XPR300+XPR400	40mm	梅塞尔
激光 (360°斜切)	1	60,000瓦	80mm/60mm	大族激光

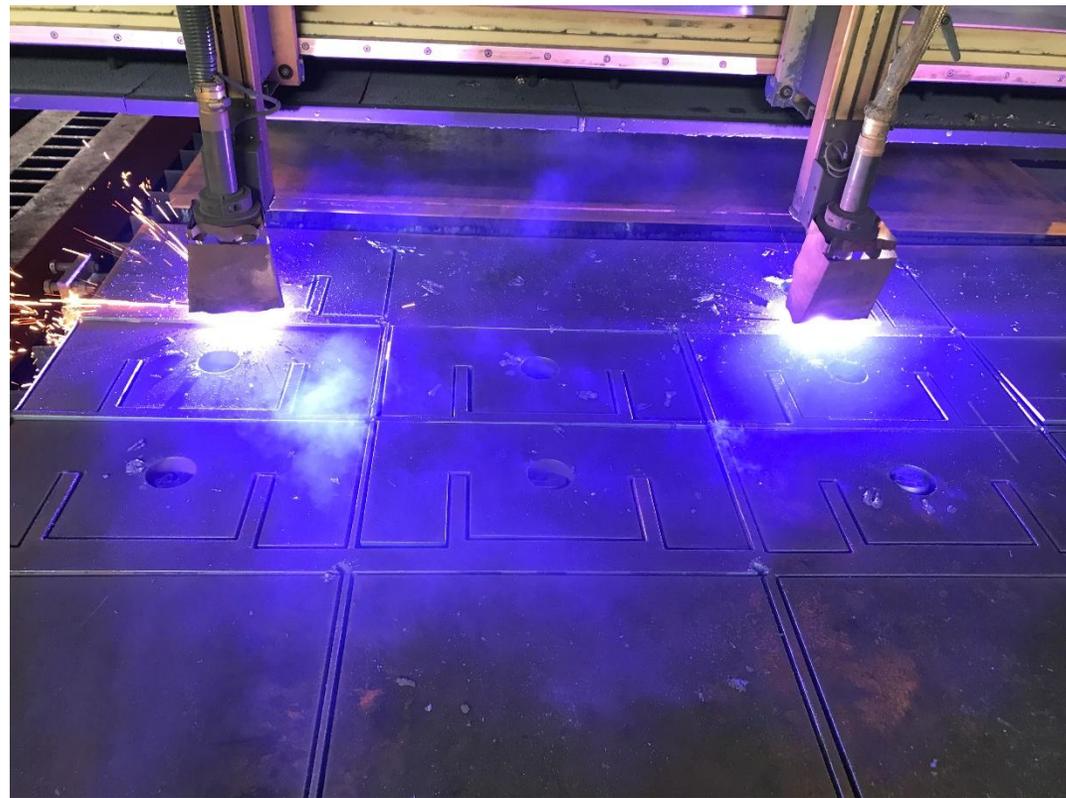
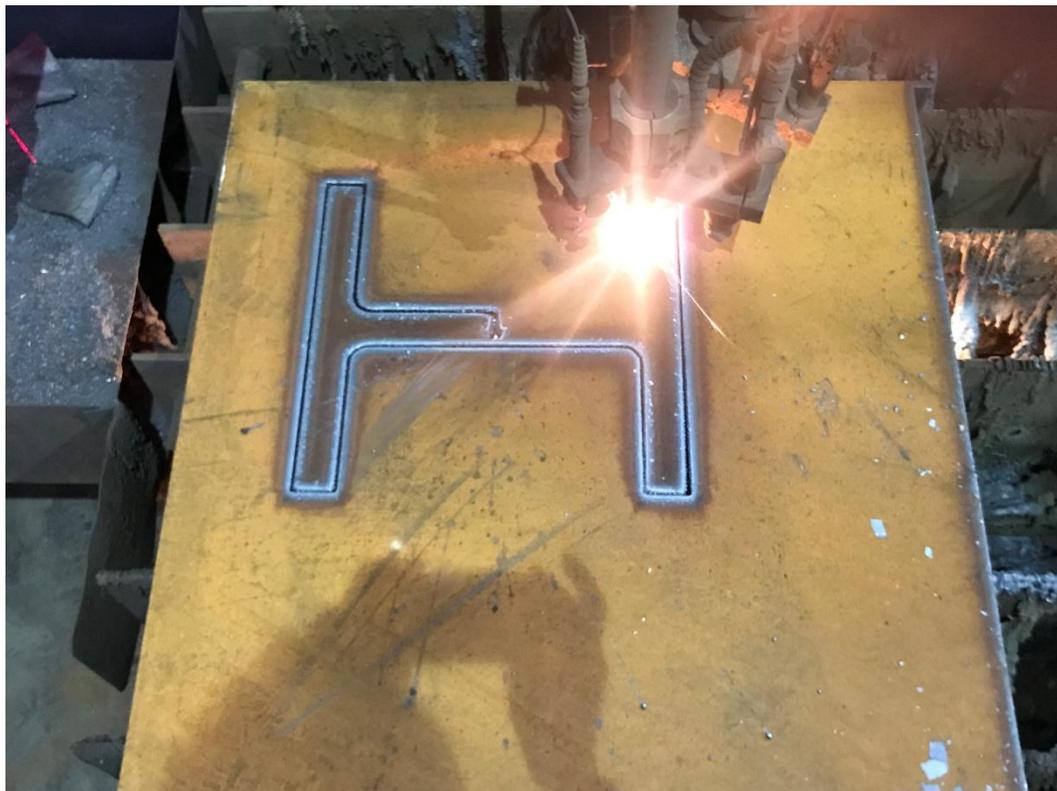
(2026年中安装)



热切割

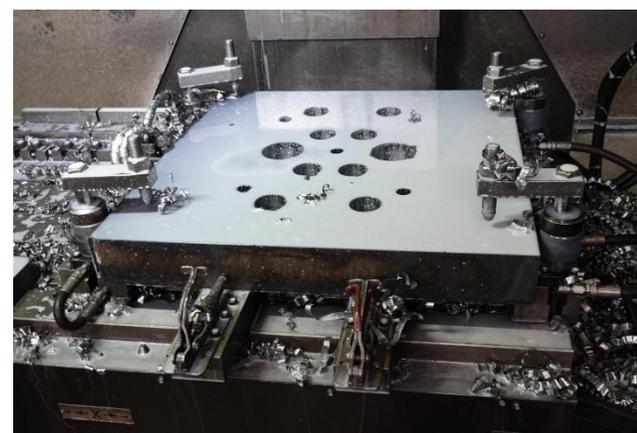
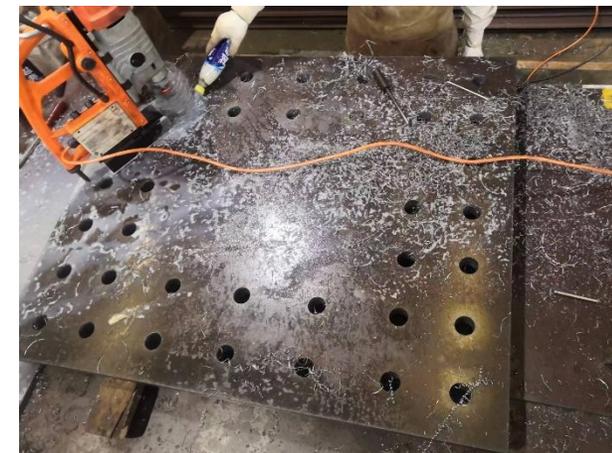
KYH 金源行

CNC数控可切割不同异型形状



韩国斗山数控立式加工中心一台

- 桩头板钻孔，破孔，开坡口；
- 德国ALFRA磁力钻一台；
- 大尺寸钢板手工划线钻孔

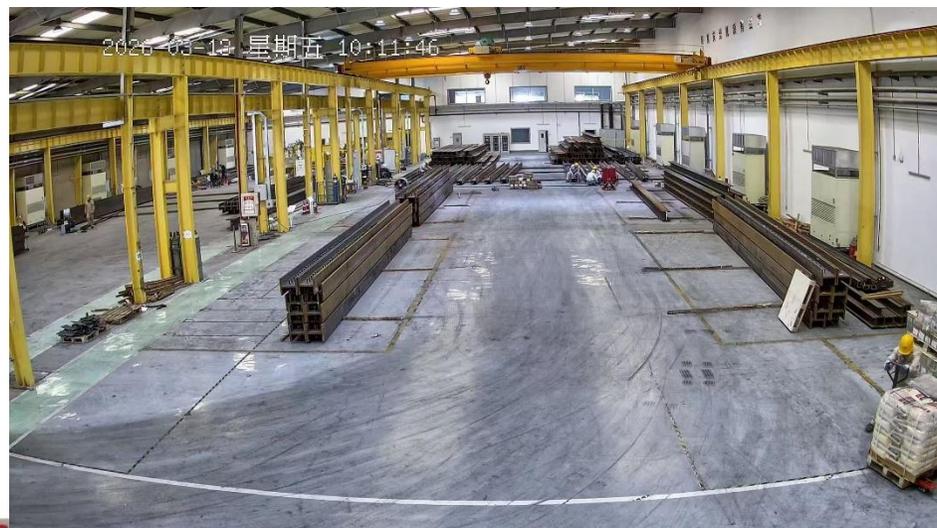
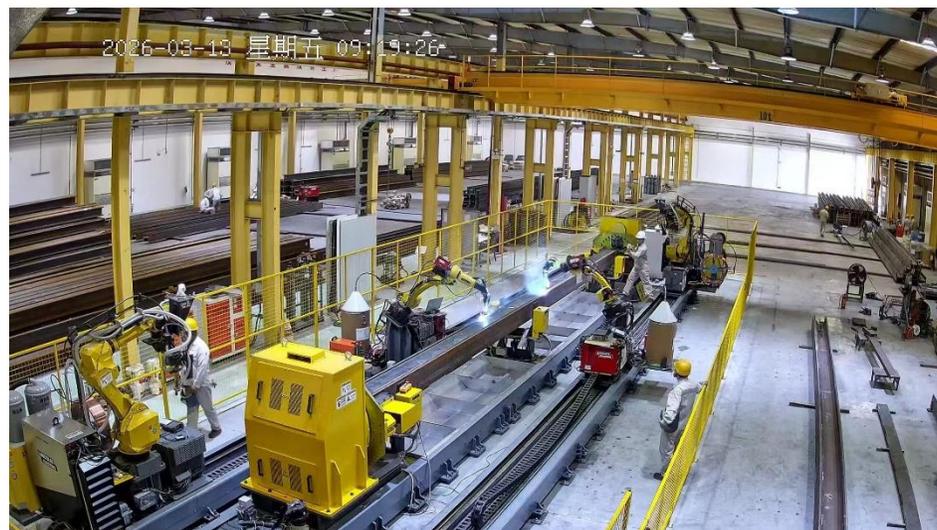




CCTV监控

KYH金源行

24小时全天候CCTV
监控现场
确保货物安全



ISO 质量认证

KYH 金源行

SGS

此证书 CN11/31167 译本

下述组织

广州金源行金属有限公司

中国广东省广州市广州经济技术开发区东区连云路 16 号

统一社会信用代码 91440116766135435J

管理体系已经过审核，并被证明符合下述要求

ISO 9001:2015

所涉及的活动范围覆盖

钢材和铝材产品的剪切与销售

如需进一步澄清该证书的范围以及对 ISO 9001:2015 要求的适用程度，可向组织咨询获得

该证书的有效期自 2017 年 10 月 09 日至 2020 年 10 月 08 日
组织必须定期接受监督审核并经审核合格此证书方继续有效
持续认证至少在证书失效前 60 天执行
版本号 3. 初始注册日期 2011 年 10 月 08 日

签署

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本证书信息可在国家认证认可监督管理委员会官方网站 www.cca.gov.cn 上查询

SGS 9001 2015 1015
第 1 页 共 1 页

SGS



SGS

Certificate IATF 0366288
Certificate SGS CN20/30310

The management system of

Guangzhou KYH Metal Co., Ltd.

No. 16, Liyun Road, East Area, Guangzhou Economic & Technological Development District, Guangzhou City, Guangdong Province, P.R. China

has been assessed and certified as meeting the requirements of

IATF 16949:2016

Edition 1

For the following activities

Slitting and shearing of steel coils

EXCLUSIONS: 8.3 product Design

3 Year certification is valid from 12 March 2020 until 11 March 2023 and remains valid subject to satisfactory surveillance audits.
Version no.01 Current version updated 12 March 2020

Authorised by

Norman Sheng

Veto Power Authority

Contracted Office: SGS United Kingdom Ltd, Station Road, Olthury, B69 4LN, UK
E-mail: Neil.Hall@sgs.com

SGS IATF16949 0417
Page 1 of 1

IATF 16949



中国海关颁发的AEO企业高级认证证书

- 1、保证粤港澳高效跨境清关，及时交付
- 2、跨境物流无缝衔接，确保供应链安全



In House 焊接技术负责人持IWE证书。焊接质量负责人持CWI证书



Welding Procedure List, WPQT(Welding Procedure Qualification Test)经由HOKLAS认证的第三方完成



Composite beams Welding Procedure Specification List_焊接工艺规程矩阵表
Guangzhou KYH Metal Co.,Ltd

Item No. 序号	WPS No.	WPQR No. 支撑的WPQR	Wedling Process 焊接方法	Material Grade 材料级别	Range of Thickness (mm) 厚度范围	Type of Joint 接头类型	Welding Position 焊接位置	Testing Standard 应用标准	Remark 备注
1	KYH-WPS-001	WIA50294	783	S460M and lower	≥4.75	Stud weldng	PA	ISO14555:2017	For Ø19mm stud welding.
2	KYH-WPS-002	WIA50299	783	S460M and lower	≥6.25	Stud weldng	PA	ISO14555:2017	For Ø25mm stud welding.
3	KYH-WPS-003	WIA50304	135 (semi-auto.)	S460M and lower	Plate: ≥5 Stud dia.: ≥19	FW	PB	ISO15613:2004	Could be used for Stud seam repair.
4	KYH-WPS-004	WIA50306	135 (semi-auto.)	S460M and lower	Plate: ≥5 Stud dia.: ≥25	FW	PB	ISO15613:2004	Could be used for Stud seam repair.
5	KYH-WPS-005	WIA50294	783	S460M and lower	≥5.5	Stud weldng	PA	ISO14555:2017	For Ø22mm stud welding.
		WIA50299							
6	KYH-WPS-006	WIA60059	135 (semi-auto.)	S460M and lower	t ≥5	FW	PB	BS EN ISO 15614-1-2017	
7	KYH-WPS-007	WIA60064	135 (Mechanical)	S460M and lower	t ≥5	FW	PB	BS EN ISO 15614-1-2017	
8	KYH-WPS-008	WIA60066	135 (auto.)	S460M and lower	t ≥5	FW	PB	BS EN ISO 15614-1-2017	
9	KYH-WPS-009	WIA60069	121(auto.)	S460M and lower	t ≥5	FW	PA	BS EN ISO 15614-1-2017	
10	KYH-WPS-010	WIA60072	136 (semi-auto.)	S460M and lower	15 ≤ t ≤ 60	BW	PA	BS EN ISO 15614-1-2017	
11	KYH-WPS-011	WIA60077	136 (Mechanical)	S460M and lower	15 ≤ t ≤ 60	BW	PA	BS EN ISO 15614-1-2017	
12	KYH-WPS-012	WIA60080	135 (auto.)+ 121(auto.)	S460M and lower	135: t ≤ 20 121: t ≤ 40	BW	PA	BS EN ISO 15614-1-2017	
13	KYH-WPS-013	WIA60083	136 (semi-auto.)+ 121(Mechanical)	S460M and lower	136: t ≤ 20 121: t ≤ 40	BW	PA	BS EN ISO 15614-1-2017	
14	KYH-WPS-014	WIA60088	135 (semi-auto.)	S460M+ B500B and lower	Rebar: dia. 3~40 15 ≤ t ≤ 60	Flare+Fillet	PB	ISO15613:2004	Rebar longitudinal seam welding.
Abbrev.									
		121	=	Submerged arc welding with solid wire electrode					
		135	=	Metal active gas welding with solid wire electrode					
		136	=	Metal active gas welding with flux cored electrode					
		783	=	Drawn arc stud welding with ceramic ferrule					

- 焊接人员持HOKLAS认证的第三方颁发的ISO 9606 焊工证书；
自动焊接操作人员持ISO 9606焊工证书及ISO 14732操作员证书。



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Form ETS/RV1 Issue 4 (1/4) [01/25]

Certificate of Welder Qualification Test
BS EN ISO 9606-1 : 2017

<i>*Information Provided by Customer</i>	<i>Lab Information</i>
Customer* : Guangzhou KYH Metal Co Ltd	Report No. : WIA50307
Address* : 16 Lianyun Road, Guangzhou Economic & Technological Development District East Area, China (Zip:510780)	Issue Date : 10 November 2025
Project* : General Projects	W. I. No. : IN/5/10/7
	ETL Lab. No. : IN/5/0226/12 ~ 14
	Page : 1 of 4
	Inspection Manual : INS/019/W
	BS EN ISO 9606-1 : 2017
Subject : Welder Qualification Test (WQT) to BS EN ISO 9606-1 : 2017	
Designation of Welder Qualification : N/A	
Customer pWPS No. : FW/25-072, rev. 1	
ETL's WPQT Report No. : WIA50306	
Overall Result : Pass	
Welder Name : 雷文博	
Marking : 1035	



東業德勤測試顧問有限公司
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Form ETS/RV15 Issue 2 (1/4) [12/23]

Certificate of Weld Operator Qualification Test
BS EN ISO 14732 : 2013

<i>*Information Provided by Customer</i>	<i>Lab Information</i>
Customer* : Guangzhou KYH Metal Co Ltd	Report No. : WIA60067
Address* : 16 Lianyun Road, Guangzhou Economic & Technological Development District East Area, China (Zip:510780)	Issue Date : 11 February 2026
Project* : General Projects	W. I. No. : IN/6/1/11
	ETL Lab. No. : IN/6/0011/17
	Page : 1 of 4
	Inspection Manual : N/A
	(Testing standard) : BS EN ISO 14732 : 2013
Subject : Weld Operator Qualification Test (WOQT) to BS EN ISO 14732 : 2013	
Designation of Welder Qualification : N/A	
Customer pWPS No. : FW/26-003 rev.0	
ETL's WPQT Report No. : WIA60066	
Overall Result : Pass	
Welder Name : 王岗	
Marking : 1006	

Job reference for Universal Bearing Pile with Nelson shear stud

Delivery period	Project	Client	Quantity (MT)
August 2025 - March 2026	KIL Lot No.11273, Sai Yee Street, Mongkok	Tysan Foundation Building Ltd.	730
October 2025 - February 2026	Asia World Expo Phase 2	Vibro (HK) Ltd	1,500
October 2025 - April 2026	Yew Wah School of Hong Kong, Wetland Park Road, Tin Shui Wai	Tysan Foundation Ltd.	578
October 2025 - April 2026	Innovative Technology Research Center at Tseung Kwan O Innopark	China State Foundation Engineering Limited	1,707
December 2025 - April 2026	The Proposed Residential Redevelopment Tai Po Town Lot No.246, Shuen Wan, Ting Kok, Tai Po	Hop Kee Construction Co Ltd	709

Job reference for Universal Bearing Pile with stiffening plates

Delivery period	Project	Client	Quantity (MT)
August 2025 - April 2026	KIL Lot No.11273, Sai Yee Street, Mongkok	Tysan Foundation Building Ltd.	1,700
December 2025 - April 2026	Proposed Residential Redevelopment at 8 Ka Shue Road, Sai Kung	Gold Rich Construction Engineering Limited	110

Job reference for Universal Bearing Pile with rebar

Delivery period	Project	Client	Quantity (MT)
December 2025 - April 2026	Proposed Residential Redevelopment at 8 Ka Shue Road, Sai Kung	Gold Rich Construction Engineering Limited	147

Thank you !

