

20 Years+

喷淋洗眼器生产制造经验



Common Type Emergency Eyewash and Shower

With Alarm and DCS

普通型复合式洗眼器+声光报警器+DCS

型号: P/N 801002-S3E2B2-FA

产品标准起草单位

GB/T 38144.1/2-2019 眼面部防护 应急喷淋和洗眼设备

SH/T 3205-2019 石油化工紧急冲淋系统设计规范

YANCHENG STG SAFETY EQUIPMENT CO.,LTD

盐城市斯壮格安全设备有限公司



公司介绍

Introduction of company

With over 20 years of experience in manufacturing of Emergency Eyewash and Shower equipment, STG brand unit which has obtained multiple national patents is regarded as trusted and innovative protective equipment for protecting employee safety and providing emergency medical treatment. STG participated in drafting national standard and industry standard of Emergency Eyewash and Shower equipment.

超过 20 年生产制造喷淋洗眼器的经验，STG 品牌喷淋洗眼器被视为客户信赖和创新型保护雇员安全与提供紧急救护处理安全防护用品，获得多项国家专利，公司参与起草喷淋洗眼器国家标准和行业标准。

公司发展历程

Development History

In 2003 Established Guangzhou STG Safety Equipment Co.,Ltd

2003 年成立广州市斯壮格安全设备有限公司

In 2005 Established WUXI STG Safety Equipment Co.,Ltd

2005 年成立无锡市斯壮格安全设备有限公司

In 2009 Established YANCHENG STG Safety Equipment Co.,Ltd

2009 年成立盐城市斯壮格安全设备有限公司

<http://www.stgmfg.com>

标准起草单位

The drafting unit of the standard



国家标准

GB/T 38144.1/2-2019

眼面部防护--应急喷淋和洗眼设备



行业标准

SH/T 3205-2019

石油化工紧急冲淋系统设计规范

公司资质认证

Company Qualification Certification



Yancheng STG Safety Equipment Co.,Ltd

盐城市斯壮格安全设备有限公司

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1. 产品说明 Product Descriptions

Emergency Eyewash & Shower which install workshop directly equips safety shower and Eye Wash. Use eye washer to washing with large quantity of flushing liquid when the eyes or/and face are splashed by chemical substances. Use safety shower to washing with large quantity of flushing liquid when the body or cloth is splashed by chemical substances. And the washing time must be more than 15 minutes.

复合式洗眼器配备喷淋部分和洗眼部分，直接安装在工作现场的地面上。当化学品物质喷溅到眼部和/或面部的时候，使用洗眼部分进行大量的冲洗液冲洗；当化学品物质喷溅到身体或者服装上的时候，使用喷淋部分进行大量的冲洗液冲洗，冲洗时间必须大于 15 分钟。

The alarm is actived when using eyewash or/and shower, then send a signal to DCS 在使用洗眼或/和喷淋的时候，立即启动声光报警器进行报警，同时给 DCS 一个开关信号

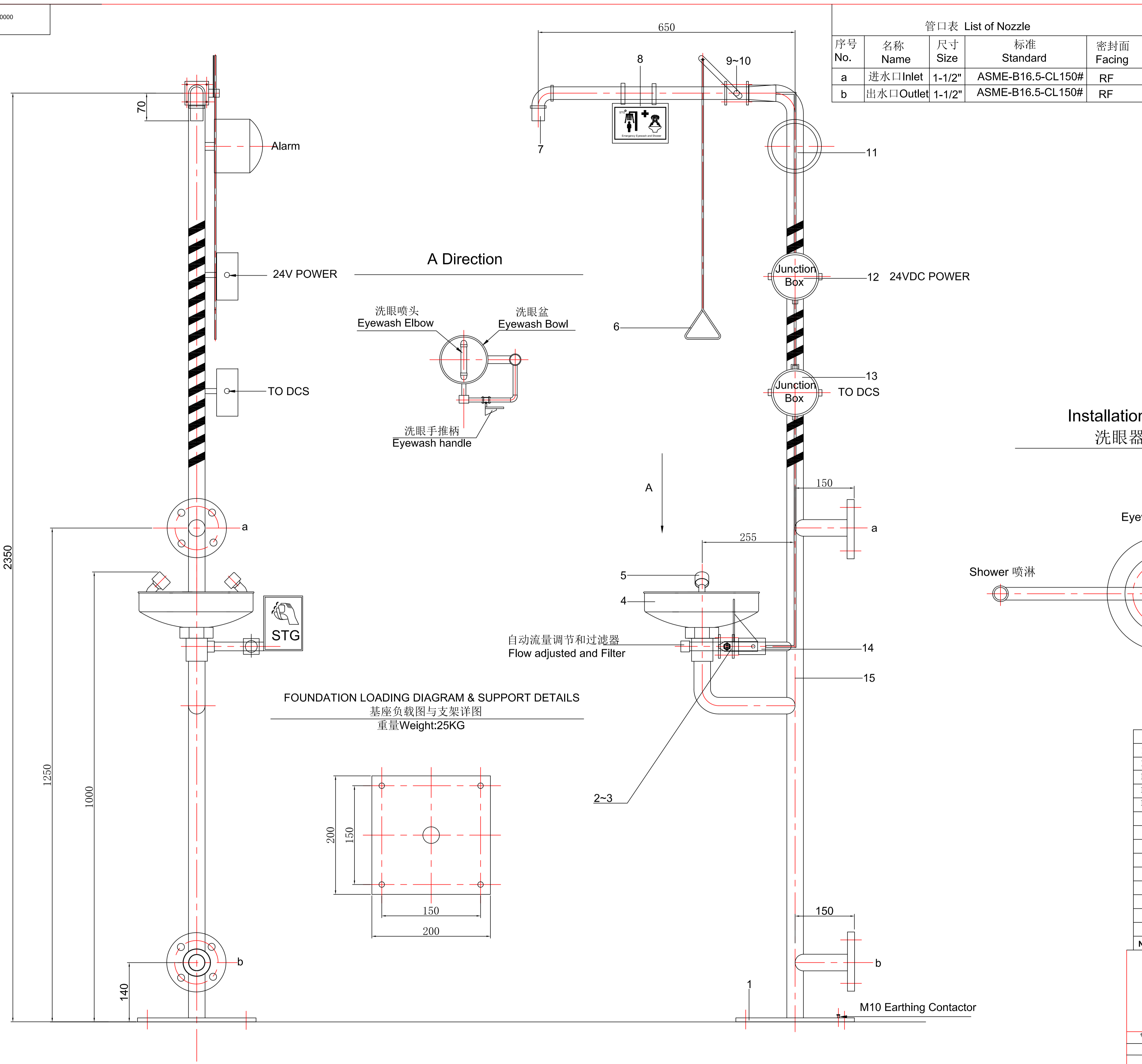
2. 技术参数 Technical parameters

技术参数 TECHNICAL DATA	
Ambient temperature 环境温度	5~38°C
Operating temperature 操作温度	16~38°C (由现场保证 Guaranteed by site)
Inlet size 进水口尺寸	1-1/2" RF-FLANGE-ASME-B16.5-CL150#
Outlet size 出水口尺寸	1-1/2" RF-FLANGE-ASME-B16.5-CL150#
Operating pressure 操作压力	0.2~0.4 MPa
Washing liquid 冲洗液体	Tap water for drinking 饮用自来水
Shower water flow 喷淋流量	>76 L/MIN
Eye wash and Face wash water flow 洗眼/洗脸流量	>11.4 L/MIN
Washing Time 冲洗时间	>15 MIN
The material of unit 材料清单	
Shower 喷淋头 (S3)	SS304
Eyewash elbow 洗眼弯头 (E2)	SS304
Eyewash bowl 洗眼盆 (B2)	SS304
Shower valve 喷淋球阀	SS304, 尺寸 Size:1"
Eyewash valve 洗眼球阀	SS304, 尺寸 Size:1/2"
Pipe 管道	SS304
Base 底座	SS304, 尺寸 Size: 300*300*10.0mm
Technical parameters of electrical instruments 电气仪表技术参数	
Voltage of Alarm 声光报警器的电压	220VAC/24VDC
The size and type of power 电源接口尺寸和型式	M20*1.5, SS304 普通型格兰头
The size and type of DCS DCS 接口尺寸和型式	M20*1.5, SS304 普通型格兰头
Explosion proof level and protection level of Junction box, Alarm and Limit switch 接线盒、声光报警器和限位开关的防爆等级和防护等级	Exd IIC T6, IP66
The power of alarm 声光报警器的功率	8W

Static grounding to wire post 静电接地到导线柱	M10
Operation method 操作方法	
Shower 喷淋	Hand Pull 手拉
Eye/face wash 洗眼/洗脸	Hand push 手推
Packing size and weight 包装尺寸和重量	
Packing and size 包装和尺寸	木箱包装, 长*宽*高=2650*1000*600mm
Weight 重量	100KG (4 台一个包装)

3. 产品照片 Products photo





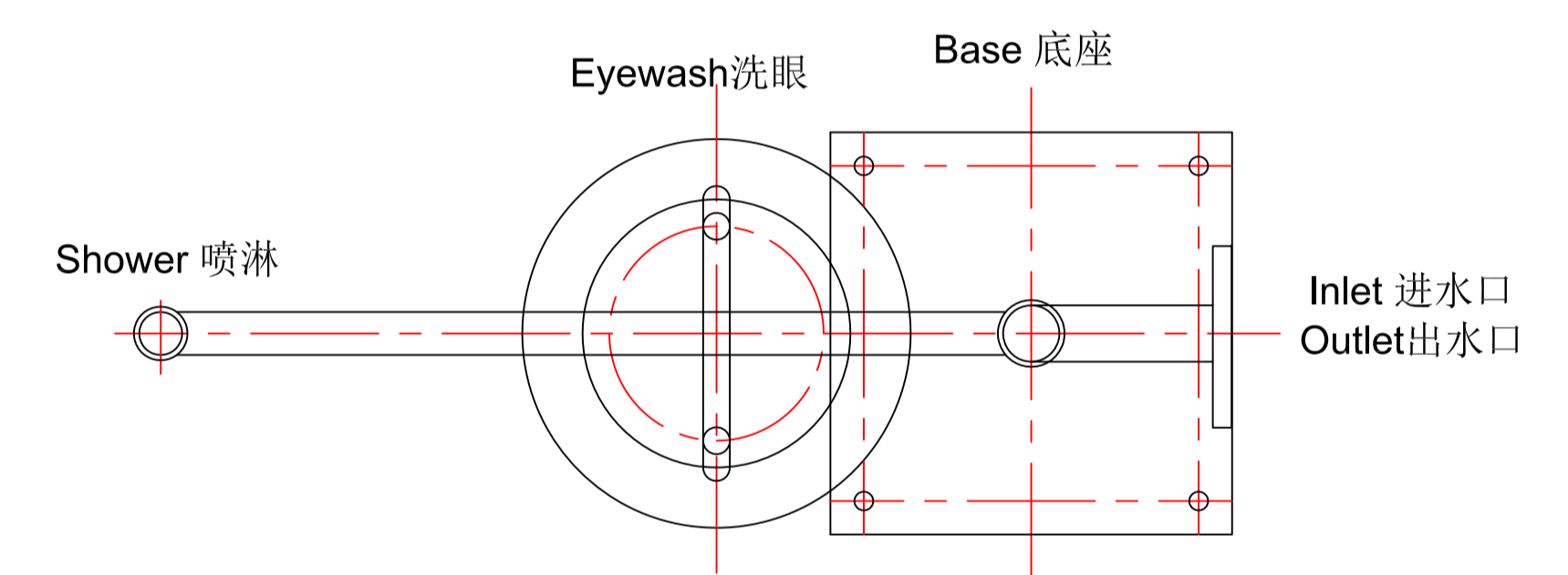
管口表 List of Nozzle

序号 No.	名称 Name	尺寸 Size	标准 Standard	密封面 Facing
a	进水口 Inlet	1-1/2"	ASME-B16.5-CL150#	RF
b	出水口 Outlet	1-1/2"	ASME-B16.5-CL150#	RF

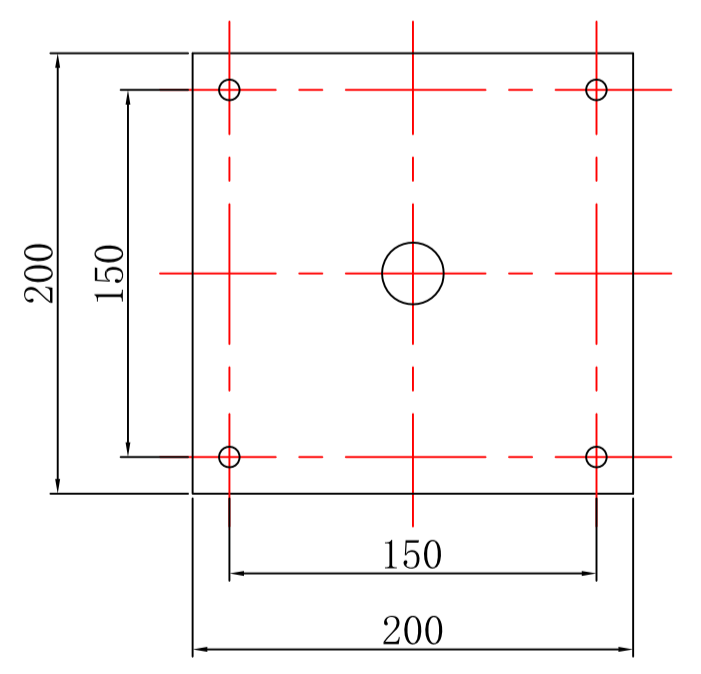
备注 Notes

- The name of unit: Common Type
Emergency Eyewash and Shower with Alarm
设备名称: 普通型复合式洗眼器+声光报警器+DCS
- Product No.: P/N 801002-S3E2B2-FA
产品编号: P/N 801002-S3E2B2-FA
- The weight of unit: 25KG
设备重量: 25KG
- The size: L*W*H=850*420*2450mm
设备外型尺寸: 长*宽*高=850*420*2450mm
- Tag No位号:
- Total数量: Sets

Installation Directional Diagram
洗眼器安装方位图



FOUNDATION LOADING DIAGRAM & SUPPORT DETAILS
基座负载图与支架详图
重量 Weight: 25KG



NO.	CODE	ITEM	SPEC	QTY.	MAT'L	REMARK
15	PIPES-P	通水管 Pipe	1-1/4"	1	SS304	
14	CTR	限位开关 Limit switch	Exd IIC T6 IP66	2	PLS	BARTEC
13	JUNB-DCS	接线箱 Junction Box	Exd IIC T6 IP66	1	AL	WAROM
12	JUNB-P-24V	接线盒 Junction Box	Exd IIC T6 IP66	1	AL	WAROM
11	A	声光报警器 Alarm	Exd IIC T6 IP66	1	AL	HELON
10	SPI	喷淋拉片 Shower pull-in		1	SS304	
9	SHB	喷淋球阀 Shower Valve	1"	1	SS304	
8	SIGNS-P	安全挂牌 Safety Sign		1	PVC	Brilliant Type
7	S3	喷淋头 Shower Head		1	ABS	
6	SHR	喷淋拉杆 Shower Rod		1	SS304	
5	E2	洗眼弯头 Eyewash Elbow		1	SS304	
4	B2	洗眼盆 Eyewash Bowl	Ø292	1	SS304	
3	EWB	洗眼球阀 Eyewash Valve	1/2"	1	SS304	
2	EWP	洗眼手推柄 Eyewash Handle		1	SS304	
1	BASE-SS304	底座 Base	200*200*5	1	SS304	

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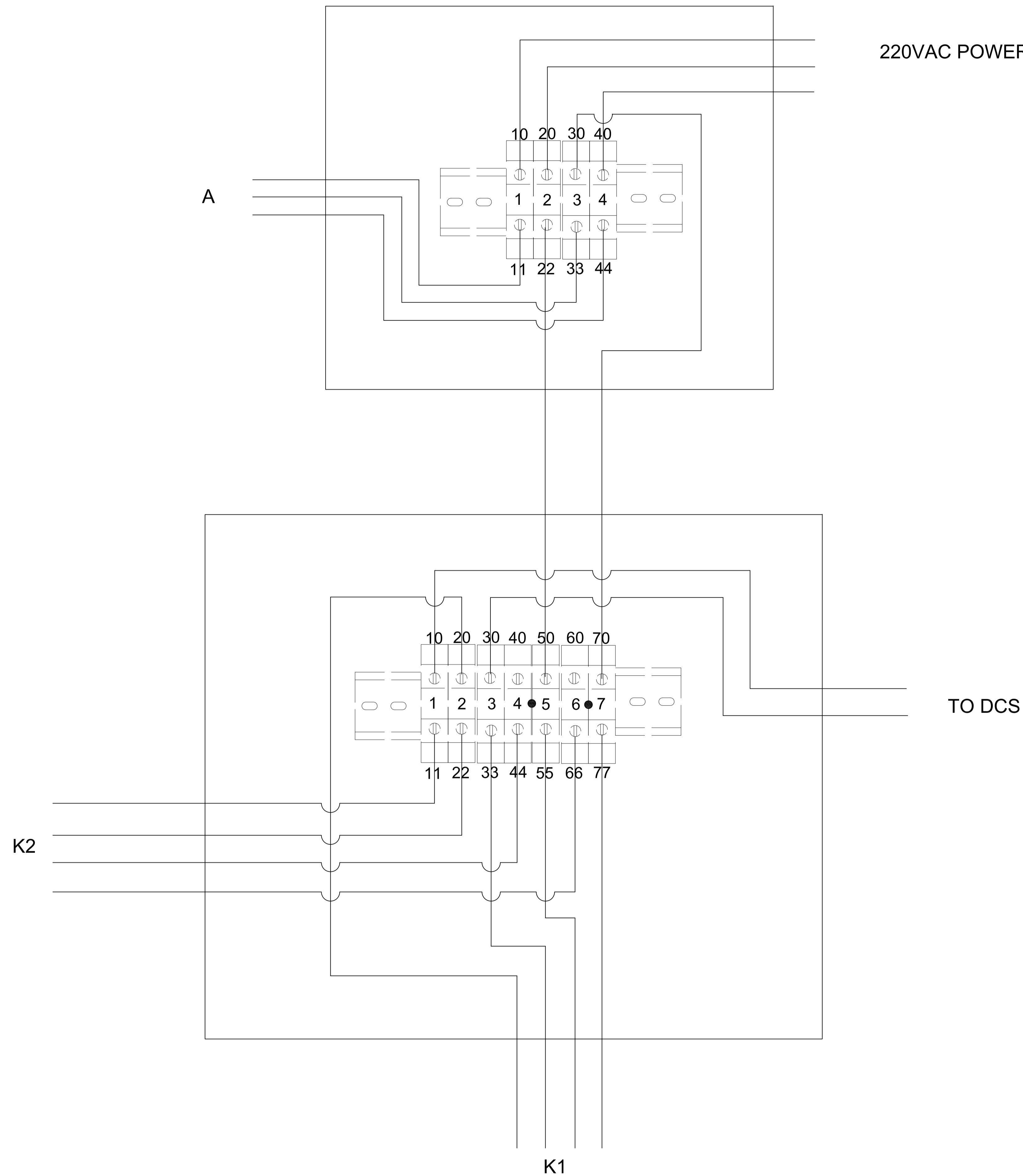
专业 DESIGNED	审核 CHECKED	设计 DESIGNED	校对 CHECKED	审核 REVIEWED	审定 APPROVED

FABRICATION/ CONSTRUCTION DETAIL DRAWINGS
装配/ 结构详图

图纸编号 DRAWING NO.	图纸名称 DRAWING TITLE.	版次 REV.	描述 DESCRIPTION	日期 DATE	设计 DESIGNED	校对 CHECKED	审核 REVIEWED	审定 APPROVED
K01	Issued for Review			21-May-2024	Mr.Tiger.Liu	Ms.Jinqi	Mr.Jack.Chen	Ms.Yeqinqin
参考图纸 REFERENCE DRAWINGS								

技术说明 Technical Description

1. 电压: 220VAC
2. 电源接线口: 1/2" NPT SS304材料 (连接普通电缆) Connect to power :Gland Head:1/2" NPT ,Material:SS304(for Common Cable)
3. DCS接线口: 1/2" NPT SS304材料 (连接普通电缆) Connect to power :Gland Head:1/2" NPT ,Material:SS304(for common Cable)
4. 一旦使用洗眼或者/和喷淋, 声光报警器立即启动, 同时提供一个无源干触点信号给DCS. The Alarm is active when using eyewash or/and shower, then send a signal (Dry Contact) to DCS



盐城市斯壮格安全设备有限公司
YANCHENG STG SAFETY EQUIPMENT CO.,LTD

专业 DSP	签署 SIGNED	设计 DESIGNED
		校对 CHECKED
		审核 REVIEWED
		审定 APPROVED

POWER AND INSTRUMENT INSTALLATION DETAILS
电气仪表安装详图

0000-0000-MEF-DTL-0000-STG-00001-00	FABRICATION/ CONSTRUCTION DETAIL DRAWINGS 装配/结构详图	K01	Issued for Review	21-May-2024	Mr.Tiger.Liu	Ms.Jinqi	Mr.Chenyouquan	Ms.Yeqinqin
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