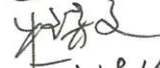

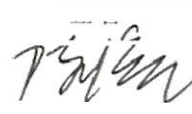
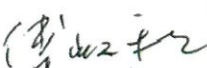

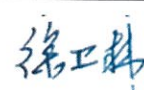
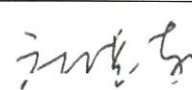
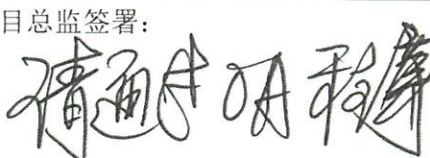

 <p>SABIC FUJIAN SABIC FUJIAN Petrochemicals Co., Ltd. 福建中沙石化有限公司</p>	<p>文件会签审批单 Document Signing Approval Form</p>		文件编号: Document Number:	
			审批单版次: 0页数: 7页 Approval Form Version: 0 ; 7 Pages	
文件名称 Name of document	福建古雷150万吨年乙烯及下游深加工联合体项目物资品牌名单 List of Material Brands for Fujian Gulei 1500 KTA Ethylene and Downstream Deep Processing Complex Project			
编制部门 Prepared by	质量管理部 Quality Management Department			
编制日期 Prepared on	2023.11.27	提交日期 Submitted on	2023.11.27	
部门意见 Department's opinion	<p>经和相关部门讨论达成一致意见制定此品牌名单。  签署 钟华茂 2023年11月27日</p> <p>This List of Material Brands is prepared upon consensus with relevant departments. Signed by Zhong Huamao on November 27, 2023</p>			
	<input checked="" type="checkbox"/> 采购管理部 Procurement Department <input checked="" type="checkbox"/> 控制管理部 Control Department <input checked="" type="checkbox"/> 设计管理部 Design Department <input checked="" type="checkbox"/> EHSS管理部 EHSS <input checked="" type="checkbox"/> 施工管理部 Construction Department <input checked="" type="checkbox"/> 生产准备部 Production Preparation Department			
文件会签 Document Signing	会签部门 Signed by	签署 Signing	会签部门 Signed by	签署 Signing
	生产准备部 Production Preparation Department		控制管理部 Construction Department	
	施工管理部 Construction Department		EHSS管理部 EHSS	
	设计管理部 Design Department		采购管理部 Procurement Department	
2023 年 11 月 28 日				
领导批示 Leader's instruction	<p>项目总监签署:  Signed by the project director Please pass OA procedure.</p> <p style="text-align: right;"> 2023年11月30日</p>			

福建古雷 150 万吨/年乙烯及下游深加工联合体项目

Fujian Gulei 1500 KTA Ethylene and Downstream Deep Processing Complex Project

建筑工程材料、建筑安装焊材和检测胶片品牌推荐名单

Recommended List of Brands of Construction Materials, Installation Welding Materials and Inspection Films

原材料质量是构建工程实体质量的基础，市场上建筑材料和焊材质量参差不齐，为了加强本项目建筑工程质量和焊接质量管理，参照国内大型石化项目建设对此类材料的质量管理经验，经过对福建地区的联合石化乙烯项目、古雷石化乙烯项目、中化泉州 1200 万吨/年炼油项目和中化泉州 100 万吨/年乙烯项目此类材料的使用业绩的调研，结合本项目需求和地方材料市场实际，制定了本项目《建筑工程材料和建筑安装焊材、检测胶片品牌推荐名单》(见下表)，各需求单位要对采购质量负责，严格把好原材料采购的质量关，并提供同批次产品的质量证明文件。

The quality of raw materials is the basis for the project construction quality. The quality of construction materials and welding materials varies in the market. In order to strengthen management of the project construction quality and welding quality, with reference to the quality management experience of large-scale domestic petrochemical project construction of such materials, after the research on the use of such materials in Fujian Refining and Ethylene Project, Gulei Petrochemical Ethylene Project, Sinochem Quanzhou 12 million tons/year refining projects and Sinochem Quanzhou 1 million tons/year ethylene project, and combined with the needs of the project and the actual market of local materials, the project's "Recommended List of Brands of Construction Materials, Installation Welding Materials and Inspection Films" (see table below), each user should be responsible for the quality of procurement, and strictly control the quality of raw materials purchased, and provide the quality proof documents for the same batch of products.

序号 Number	名称 Name	品牌 Brand
1	建筑钢筋 Construction rebar	<p>中国宝武钢铁集团有限公司、鞍山钢铁集团有限公司、邯郸钢铁集团有限责任公司、马钢（集团）控股有限公司、莱芜钢铁集团有限公司、济钢集团有限公司、唐山钢铁集团有限责任公司、首钢集团有限公司、包头钢铁（集团）有限责任公司、福建省三钢（集团）有限责任公司、福建三钢闽光股份有限公司、南京钢铁集团有限公司、安阳钢铁集团有限责任公司、广东韶钢松山股份有限公司、广西柳州钢铁集团有限公司、江苏沙钢集团有限公司、福建三宝集团股份有限公司</p> <p>China Baowu Iron & Steel Group Co., Ltd., Anshan Iron & Steel Group Co., Ltd., Handan Iron & Steel Group Co., Ltd., Maanshan Iron & Steel (Group) Holdings Co. Ltd., Laiwu Iron & Steel Group Co., Ltd., Jinan Iron & Steel Group Co., Ltd., Tangshan Iron & Steel Group Co., Ltd., Shougang Group Co., Ltd., Baotou Iron & Steel (Group) Co., Ltd., Fujian Sangang (Group) Co. Ltd., Fujian Sangang Minguang Co., Ltd., Nanjing Iron & Steel Group Co., Ltd., Anyang Iron & Steel Group Co., Ltd., Guangdong Shaogang Songshan Co., Ltd., Guangxi Liuzhou Iron & Steel Group Co., Ltd., Jiangsu Shagang Group Co., Ltd., Fujian Sanbao Group Co., Ltd.</p>
2	水泥 Cement	<p>建福、炼石、华润、海螺、红狮 Jianfu, Lianshi, China Resources, Conch, Red Lion</p>
3	屋面防水材料 Roof watertight materials	<p>北京东方雨虹防水科技股份有限公司 科顺防水科技股份有限公司 深圳蓝盾股份有限公司 辽宁大禹防水科技有限公司 Beijing Oriental Yuhong Watertight Technology Co., Ltd. Keshun Watertight Technology Co., Ltd. Shenzhen Blue Shield Co., Ltd. Liaoning Dayu Watertight Technology Co., Ltd.</p>
4	瓷磚 Ceramic tile	<p>诺贝尔、马可波罗、蒙娜丽莎（monalisa）、冠珠、东鹏瓷磚、鷹牌瓷磚、簡一瓷磚 Nobel, Marco Polo, Mona Lisa, Guanzhu, Dongpeng, Eagle, GANI</p>

5	卫生洁具 Sanitary ware	TOTO、九牧、箭牌、东鹏、科勒 TOTO, JOMOO, ARROW, Dongpeng, Kohler
6	室内墙体涂料 Indoor wall coating	立邦、多乐士、华润、嘉宝莉、三棵树 NIPPON, Dolores, China Resources, CARPOLY, 3trees
7	钢结构材料(包括但不限于H型钢、工字钢、槽钢、角钢、梯子、平台、其他所有零星钢结构钢,以及钢格栅板、紧固件的母材) Steel structure materials (including but not limited to H steel channel steel, angle steel, ladders, platforms, and all other structural steel, as well as steel grating, and base material for fasteners)	中国宝武钢铁集团有限公司、武钢集团有限公司、舞阳钢铁有限责任公司、本钢集团有限公司、山东莱钢集团有限公司、鞍钢集团有限公司、中国首钢集团总公司、马鞍山钢铁股份有限公司、江苏沙钢集团有限公司、酒泉钢铁(集团)有限责任公司。 China Baowu Iron & Steel Group Co. Ltd., Wuhan Iron & Steel Group Co. Ltd., Wuyang Iron & Steel Co. Ltd., Bensteel Group Co. Ltd., Shandong Laigang Group Co. Ltd., Angang Group Co. Ltd., China Shougang Group Corporation, Maanshan Iron & Steel Co. Ltd., Jiangsu Shagang Group Co. Ltd., Jiuquan Iron & Steel (Group) Co. Ltd.
8	焊接材料 Welding materials	(1) 四川大西洋焊材股份有限公司: 全系列焊接材料; (2) 自贡大西洋焊材股份有限公司: 全系列焊接材料; (3) 上海大西洋焊接材料有限公司: 焊条全系列; (4) 哈尔滨焊条研究所: 全系列焊接材料, 镍基合金首选; (5) 上海电力焊材有限公司: 合金钢焊材; (6) 昆山京群焊材科技有限公司: 自动焊材、不锈钢焊材; (7) 北京金威焊材有限公司: 不锈钢焊接材料; (8) 天津金桥焊接材料有限公司: 结构钢焊接材料; (9) 天津大桥焊接材料有限公司: 结构钢焊接材料; (10) 斯米克焊材公司: 铝、镁焊接材料; (11) 南京威特力公司: 铝、镁焊接材料; (12) 日本油脂、日本住金、日本神钢、美国郝伯特焊材等进口品牌: 不锈钢、耐热钢、有色等特殊焊材; (13) 奥地利伯乐、美国林肯、美国阿克泰克等进口品牌: 不锈钢、耐热钢、有色等特殊焊材。

		<p>(1) Sichuan Atlantic Welding Materials Co., Ltd: full series of welding materials;</p> <p>(2) Zigong Atlantic Welding Materials Co., Ltd: full series of welding materials;</p> <p>(3) Shanghai Atlantic Welding Materials Co., Ltd: full series of welding electrodes;</p> <p>(4) Harbin Welding Electrodes Research Institute: full series of welding materials, nickel-based alloys preferred;</p> <p>(5) Shanghai Power Welding Materials Co., Ltd.: alloy steel welding materials;</p> <p>(6) Kunshan Jingqun Welding Materials Technology Co., Ltd: automatic welding materials, stainless steel welding materials;</p> <p>(7) Beijing Jinwei Welding Materials Co., Ltd.: stainless steel welding materials;</p> <p>(8) Tianjin Jinqiao Welding Materials Co., Ltd.: structural steel welding materials;</p> <p>(9) Tianjin Daqiao Welding Materials Co., Ltd.: structural steel welding materials;</p> <p>(10) Cimic Welding Materials: aluminum and magnesium welding materials;</p> <p>(11) Nanjing Weiteli Company: aluminum, magnesium welding materials;</p> <p>(12) Japan Grease, Japan Sumikin, Japan Kobelco, Hobart welding materials and other imported brands: stainless steel, heat-resistant steel, non-ferrous and other special welding materials;</p> <p>(13) Austria Bohler, Lincoln, Aktec and other imported brands: stainless steel, heat-resistant steel, non-ferrous and other special welding materials.</p>
9	<p>射线检测胶片</p> <p>Radiographic films</p>	<p>爱克发（AGFA）工业胶片（首选）、锐珂（柯达）工业胶片</p> <p>AGFA industrial film (preferred), Kodak industrial film</p>

说明:

Notes:

1、已经完成业主审批手续的各种材料品牌（供应商框架协议）不受本名单约束;

Material brands that have completed the owner's approval procedures (supplier framework agreement) are not subject to this list;

2、 承包商需要采购本名单外的品牌, 该品牌必须有近十年三个以上项目总投资额大于等于 100 亿的大型炼油项目、 乙烯项目、 煤化工项目、 核电项目使用的良好业绩, 采购前由需求承包商书面提出申请报业主审批后才可采购使用。 审批表格式见附页。

When the contractor needs to purchase a brand outside this list, the brand must have a good track record in the past ten years of more than three projects with a total investment of more than or equal to \$10 billion in large-scale oil refining projects, ethylene projects, coal chemical projects, nuclear power projects. Before purchasing, the corresponding contractor needs to apply in writing for the owner's approval before purchasing and using the brand. The approval form format is shown on the attached page.

3、 福建三宝集团股份有限公司的产品在下列部位不能用: 桩基、 大型机组基础、 高度 15 米及以上塔器基础、 大型设备框架、 中控室、 化验中心、 15 米及以上大跨度包装仓库。

Products of Fujian Sanbao Group Co., Ltd. cannot be used in the following areas: pile foundation, foundation of large-scale units, foundation of towers with height of 15 meters and above, frame of large-scale equipments, central control room, laboratory center, and large-span packaging warehouse with height of 15 meters and above.

福建中沙石化有限公司

SABIC FUJIAN Petrochemicals Co., Ltd.

IPMT 质量管理部 (章)

IPMT Quality Management Department (Seal)

2023 年 11 月 27 日

November 27, 2023



	材料品牌资格报审表 Material Brand Qualification Approval Form	工程名称: Project name: 编号: Number:
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致 _____ (业主单位)

To _____ (Owner)

经考察,我方选择 _____ (品牌名称), 具有承担福建古雷 150 万吨/年乙烯及下游深加工联合体项目 _____ 工程的 _____ (材料名称) 的供货能力, 品牌质量符合要求, 可以保证我单位在本工程项目按合同规定进行材料供货。

After investigation, we have selected _____ (brand name), which has the ability to undertake the supply of _____ (material name) for Fujian Gulei 1500 KTA Ethylene and Downstream Deep Processing Complex Project, and the quality of the brand meets the requirements, which can ensure that we can supply the materials in this project according to the contract.

因该品牌不在业主物资采购名录内, 如因我方坚持选择该品牌, 导致本项目我方承包合同内工程的 _____ (材料名称) 供货周期延长、产品质量不合格、返工/返修等问题, 我方承担承包合同的全部责任。请予以审查。

Since this brand is not in the owner's material procurement list, if we insist on choosing this brand, which leads to prolonged supply period, unqualified product quality, rework/repair of _____ (material name) in the project under our contract, we shall bear the full responsibility under the contract. Please review.

附: Attachments:

- 1 品牌资质材料 Brand qualification documents;
- 2 品牌业绩材料 Brand performance documents;
- 3 其他 Others.

承包单位: Contractor:

主管工程师: _____
Responsible engineer

项目经理: _____
Project manager

承包单位(章) Contractor (seal) 日期 Date: _____

监理单位审查意见:

Supervisor's review comment:

主管监理工程师: _____

Responsible supervising engineer:

总监理工程师: _____

Chief supervising engineer:

监理单位 (章)

日 期 Date: _____

Supervising Company (seal)

业主单位审查意见:

Owner's review comment:

主 管 工 程 师: _____

Responsible engineer:

区域项目分部/施工管理部经理: _____

Project division/construction manager

区域项目分部/施工管理部 (章)

日 期 Date: _____

Project division/Construction Department (seal)_

会签部门 Signed by	签署 Signing	会签部门 Signed by	签署 Signing
生产准备部 Production Preparation Department		控制管理部 Control Department	
施工管理部 Construction Department		EHSS 管理部 EHSS	
设计管理部 Design Department		采购管理部 Procurement Department	
质量管理部 Quality Department			