中英双语技术资料

撬装系统与工程接口

把主体设备、管路、仪表和辅助系统的接口写清楚，便于方案比较与项目实施。



设备与讨论范围

供货范围：用设备清单与边界图，区分主机、辅助设备、撬内管线及现场工作。

连接关系：围绕工艺物料、公用工程、电气、控制和结构安装逐项确认。

工程资料：将接口条件、检查要求、文件版本和待确认项纳入项目资料包。

设备图片用于说明装备形式，具体配置按项目确认。

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系统边界核对表

将已有资料与待确认项分开，便于形成明确的技术交流清单。

核对项目	需要准备的资料
工艺接口	进出料、回流、气相与排放的接管位置、方向和边界条件。
公用工程	加热、冷却、蒸汽、压缩空气或惰性气体的供应条件与接口。
电气与控制	电源、接地、测点、信号、接线箱及控制责任边界。
布置与安装	总图、占地、检修通道、吊装运输及基础连接条件。
文件与验收	确认图纸、清单、检验记录、交付资料与现场支持内容。

下一步

1. 用清单标明包含、可选与由其他方负责的内容。
2. 将设备图、管路图与仪表电气资料交叉核对。
3. 以确认版本开展制造和接口协调，变更保留记录。

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Chinese and English technical guide

Skid systems and interfaces

Define interfaces between the main equipment, piping, instruments and auxiliaries to support proposal comparison and project execution.



Equipment and discussion scope

Supply scope: use equipment lists and boundary drawings to distinguish the main machine, auxiliaries, skid piping and site work.

Connections: review process streams, utilities, electrical supply, controls and structural installation individually.

Engineering documents: include interface conditions, inspection requirements, document revisions and open points in the project package.

Equipment images illustrate the range. Project documents define the actual configuration.

Skid systems and interfaces

System-boundary checklist

Separate known information from open points to prepare a clear technical discussion.

Item	Information to prepare
Process interfaces	Nozzle positions, orientations and boundary conditions for feed, discharge, recycle, vapour and drains.
Utilities	Supply conditions and interfaces for heating, cooling, steam, compressed air or inert gas.
Electrical and controls	Power, earthing, measurements, signals, junction boxes and control responsibilities.
Layout and installation	General arrangement, footprint, maintenance access, lifting, transport and foundation connections.
Documents and acceptance	Agree drawings, lists, inspection records, delivery documents and site-support scope.

Next steps

1. Identify included, optional and third-party items in the scope list.
2. Cross-check equipment, piping, instrumentation and electrical documents.
3. Use agreed revisions for manufacturing and interface coordination, retaining change records.

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