

HaF

10-STEP

PROVEN PROCESS

Tool Free Quick Take Apart TM Equipment and Process Systems

1

INTERNAL PROJECT REVIEW AND KICK OFF



GOAL Completely align all teammates regarding project scope and schedule.

- Project Team Assignments
- Proposal Review
- Technical Alignment Review
- Schedule Review
- Order Acknowledgement

2

CONNECT WITH THE CUSTOMER



GOAL Completely drive alignment and eliminate any gray areas or concerns.

- Project Team Introductions
- Scope Review
- Schedule Review

3

PRELIMINARY DRAWING PACKAGE & SAFETY REVIEW



GOAL Get into the details and drive towards agreement on the design and function of the system.

- Design team generates preliminary drawing package focusing on the Process Flow Diagram to ensure team is aligned.
- Identify any potential safety concerns with the system including ergonomic concerns focusing on HaF's operator-centric designs.

4

APPROVAL DRAWING PACKAGE

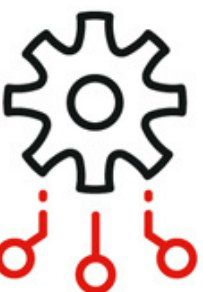


GOAL Finalize the detailed drawing package.

- Develop a full detailed drawing package.
- Customer to sign off on drawings.

5

FABRICATION



GOAL Stay close to the equipment during the fabrication process to ensure high quality, design alignment, while maintaining schedule.

- Release all equipment to fabrication.
- Monitor progress.
- Update customer on a weekly basis.
- Customer is always welcome to visit fab shops with HaF during this process.

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6

ASSEMBLY AND QUALITY CONTROL



GOAL Ensure final product matches the approved design.

- Assemble equipment to the fullest extent possible taking into account shipping limits.
- Pre-wire equipment where applicable.
- Diligently compare drawings to final assembly to ensure accuracy.

7

SHIPPING AND DOCUMENTATION



GOAL Clean hand off to the installation contractor.

- Develop and implement an organized and detail shipping plan including detailed shipping documentation
- All assemblies, parts, and pieces labeled and identified.
- Connect with the customer to hand off the shipment and properly unload equipment at the customer site.

8

INSTALLATION



GOAL Create a smoother installation by identifying potential issues right away and driving accurate installation.

- At least once during installation, HaF personnel to visit the site and review the equipment and system.
- Assist the installation contractor.

9

STARTUP



GOAL Leave the system in great shape for the plant personnel to use.

- During startup, HaF personnel to be on-site to ensure the system does what it was intended to do.
- Drive project closeout to ensure proper documentation and training is in place.

10

SPARE PARTS AND AUDITS



GOAL Connect with the customer to provide ongoing support.

- Provide the maintenance team an accurate spare parts list. NOTE: HaF supplies detailed information on each assembly of part numbers for spares.
- HaF offers quarterly audits where we travel to the site, review the system, and meet with onsite personnel.