

<h1>Uhde</h1>	FABRICATION SCHEDULE Layout and submission – Requirements for supplier	UN V383-01
		Page 1 of 4

Fertigungsablaufplan; Aufbau und Umfang – Vorgaben für Lieferanten

Supersedes 98-05

Contents

		Page
1	Scope	1
2	Abbreviated terms	1
3	General	1
4	Layout and Scope	1
4.1	Design / Engineering.....	1
4.2	Material Procurement.....	2
4.3	Fabrication	2
5	Status	2
6	Intervals	2
	Annex A Sample Vessels and equipment	3
	Annex B Sample Machinery	4

1 Scope

This Uhde Standard (UN) applies to the design and construction of industrial and chemical plants. It contains statements for layout and submission for fabrication schedule.

2 Abbreviated terms

- FAP = Fabrication Schedule (Fertigungsablaufplan)
- TON = Technical Order Number

3 General

The supplier of vessels, machinery and other equipment shall inform Uhde regularly (see paragraph 6) by furnishing FAP's detailing the fabrication cycles and the current state of work progress, e.g. in the form of bar graphs.

Preferably special computer programs (e.g. MS Project) shall be used for preparations (example see Annex A and Annex B).

Other types of representations may be used by suppliers if the information content provided meets the requirements specified below.

4 Layout and Scope

A FAP is required for each main item of the purchase order. Activities affecting the time schedule shall be condensed to permit representation on an A4 sheet. The Uhde Purchase order number, designation, TON, equipment number, the inspection date as well as the date of delivery as per purchase order shall be stated.

The FAP shall be structured in 3 sections and reflect the periods required for the following project execution phases (if applicable).

4.1 Design / Engineering

- Foundation data / civil design data
- Verification of drawings by Uhde
- Deadlines for technical data furnished by Uhde prior to start of fabrication and for pending details (e.g. nozzle orientation)
- Workshop and detail drawings.
- Ratings / PID / welding and testing schedules / Notified Body or other approvals.
- Technical documentation, documentation for plant erection.

22.11.06	Wolff	22.11.06	Bernstiel	24.11.06	Maubach	27.11.06	Dr. Sgaridis
Date	Prepared	Date	Checked	Date	Standardization	Date	Approved

4.2 Material Procurement

- Inquiries, purchase orders, fabrication and supplies for main equipment affecting the time schedule
- Other supplies
- Supplies by Uhde with deadline
- Test/Inspections scheduled to be witnessed by Uhde

4.3 Fabrication

- Welding procedure qualifications, preparatory work
- Main work steps
- Hold points / interim inspections scheduled to be witnessed by Uhde
- Test runs, final inspections and final documentation.
- Surface treatment and residual work
- Preparation for shipment, packing

Large or sophisticated equipment items and package units shall be shown on several A4 sheets or in other formats.

In case of delays are expected or already existing the critical path has to be indicated on the FAP.

5 Status

The current state of work progress shall be shown by shading the deadline bars in accordance with the progress reached so far (in percent).

The progress shall be shown by means of an actual status line with the respective advances and/or delays.

6 Intervals

The supplier shall furnish the first FAP to Uhde's Inspection Department 6 weeks after order placement at the latest. If the fabrication details cannot be finalised within this period said FAP shall serve as a preliminary version.

Updates of the FAP's have to be prepared by the suppliers regularly and submitted to Uhde's Inspection Department on a monthly basis as a part of the monthly status report.

Updated FAP's also have to be submitted during Uhde's expediting visits.

The observance of all the above mentioned points shall form part of each purchase order (in accordance with "Additional conditions of purchase").

Annex B
Sample for Machinery

