



AMINES  
GLOBAL  
SERVICE

# MOBILE AMINE PURIFICATION UNIT EVALUATION FORM

To: **WORLD IMAGE** s.r.l.

Fax : +39 - 099 – 73.79.241

Via Ettore D'amore n° 41  
74121 – Taranto – ITALY  
Tel: +39 099 37.56.99  
Fax: +39 099 73.79.241

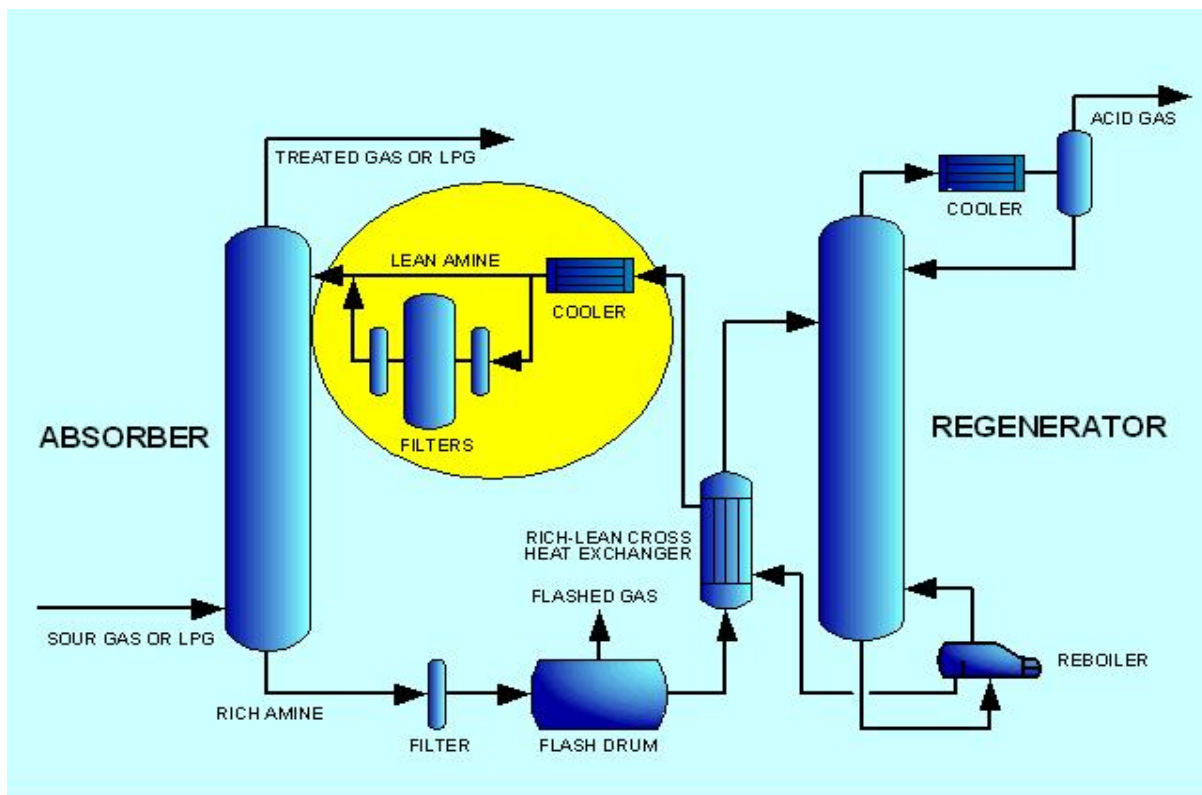
e-mail: [specialtyamines@wimage.it](mailto:specialtyamines@wimage.it)

Date: \_\_\_\_\_

## CUSTOMER INFORMATION:

From : \_\_\_\_\_  
Company : \_\_\_\_\_  
Contact Name : \_\_\_\_\_  
Location : \_\_\_\_\_  
Phone : \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Fax: \_\_\_\_\_

## GENERAL PLANT LAY- OUT :



## HOW TO USE THIS DOCUMENT:

This document can be filled in electronically at the appropriate fields. If wished, the document may first be printed and then filled in by hand and then faxed.



## Feed Stream and Equipment Details

### LEAN AMINE MECHANICAL AND CARBON FILTERS DATA:

#### MECHANICAL FILTER BEFORE CARBON BED:

Type : \_\_\_\_\_ Nominal size of filtration \_\_\_\_\_ micron

AMINE FLOW RATE IN THE FILTER \_\_\_\_\_ m<sup>3</sup> Number of cartridges \_\_\_\_\_

#### CARBON BED: \_\_\_\_\_ VESSEL DIMENSIONS: \_\_\_\_\_

Diameter: \_\_\_\_\_ mm Height : \_\_\_\_\_ mm Total carbon volume: \_\_\_\_\_ m<sup>3</sup>

Supplier and type of carbon used: \_\_\_\_\_ Amine flow rate through the carbon: \_\_\_\_\_ m<sup>3</sup>/h

#### MECHANICAL FILTER AFTER CARBON BED:

Type : \_\_\_\_\_ Nominal size of filtration (micron): \_\_\_\_\_

Amine flow rate in the filter : \_\_\_\_\_ Number of cartridges : \_\_\_\_\_

### GENERAL BACKGROUND:

Type of current solvent \_\_\_\_\_ Amine flow rate of the unit: \_\_\_\_\_ m<sup>3</sup>/h

Total solution inventory: \_\_\_\_\_ m<sup>3</sup> Concentration: \_\_\_\_\_ Wt%

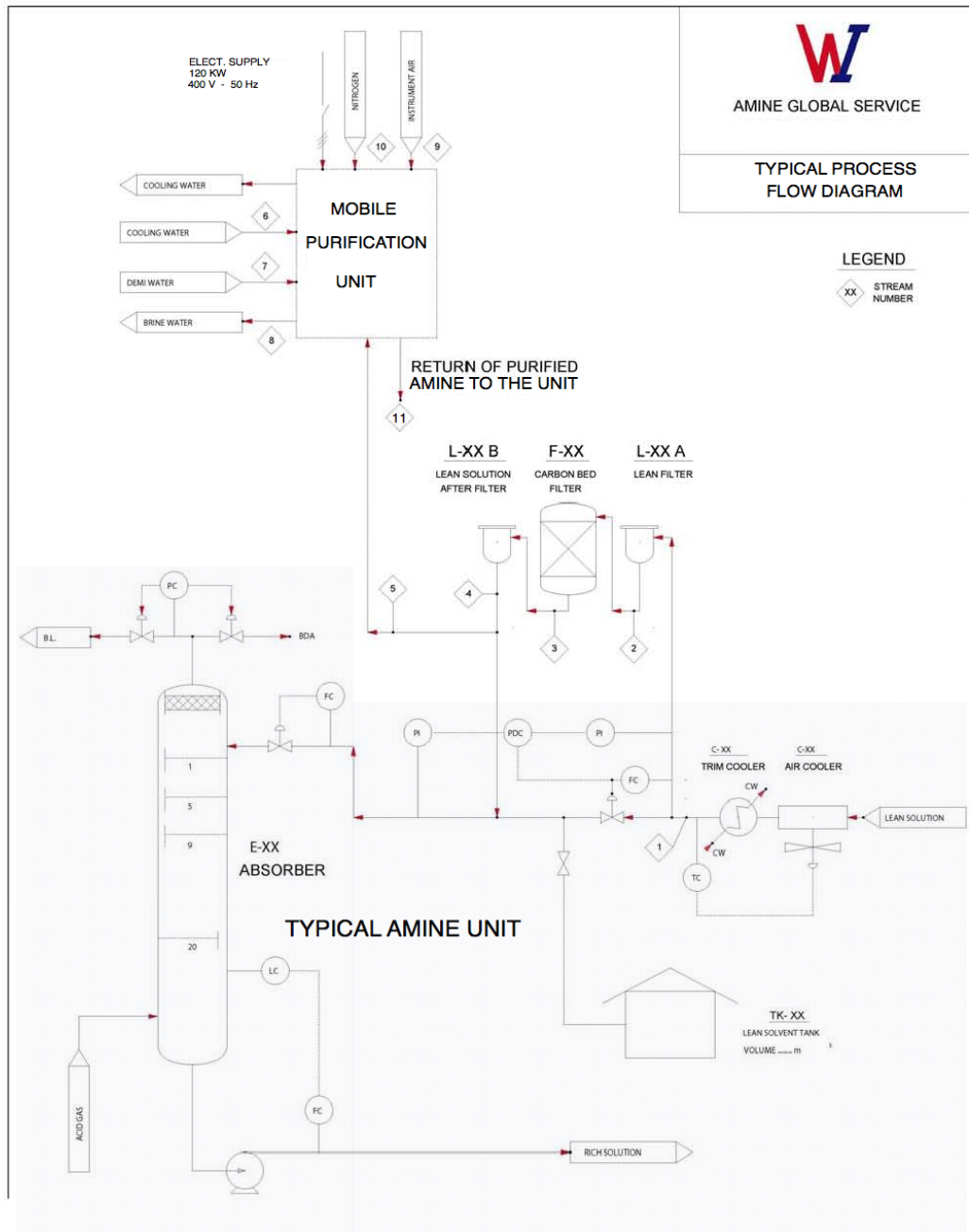
### COMMENTS / REQUESTS:

PLEASE PROVIDE AVAILABLE ANALYSES OR FILL IN THE DATA ON PAGE 4 (SOLVENT ANALYSES REPORT).





## FEED STREAM AND UTILITIES REQUIRED



STREAM NUMBER					5	6	7	8	9	10	11
FLUID					LEAN AMINE	COOLING WATER	DEMI WATER	BRINE	INSTR. AIR	NITROGEN	CLEAN AMINE
NORMAL FLOW m <sup>3</sup> /h					3.5-6	5.0	0.2-1.3	0.2-1.3	----	300 liter/h	3.5-6
SUPPLY PRESSURE bar					5-27	4-10	3-10	5.0	4.2-7.0	1.4-6.9	5.0
OPERATING TEMPERATURE °C					35-50	35	15-41	30-50	10-35	10-35	40

**CONFIDENTIAL**