



# AIR LIQUIDE

*100 years. A pioneering inspiration*

Dated: 26.03.2004

AIR LIQUIDE NORTH INDIA PVT. LTD.

125, MATSYA INDUSTRIAL AREA  
ALWAR (RAJASTHAN), INDIA  
TEL. : 95-144-2881634, 2881275  
FAX : 95-144-2881740

## TO WHOM SO EVER IT MAY CONCERN

This is to certify that M/s Airfrige industries, 10/65, Kirti NaGAR industrial Area, New Delhi-110015 have design, manufactured and supplied After Cooler removable tube bundle against our order no. 286/ALNI/ALWAR/LP/2000 dated 13/03,2000 having following construction details.

Components	Size	MOC
Tube steel stationary side	610 OD*70THK	SA-105
Floating Tube sheet	533OD*70THK	SA-105
Shell flange stationary side	700 OD* 539ID*95 THK	SA—105
Cover flange stationary side	700OD*523ID*90THK	SA—105
Cover flange floating side	533OD*408ID*65THK	SA—105
Intermediate Ring	690OD*25THK	SA—105
Shel Flange Floating side	690OD*50THK	SA—105
Tubes ----466 nos	1/2"OD*20g*10' long	Copper to brass2871 pt-111

## DESIGN PARAMETERS

Fluid	Shell	Tubes
operating pressure	Water 3 kg/cm2(g)	Nitrogen 40kg/cm2(g)

This equipment is working satisfactorily till date.

O.P.Sharma  
DGM(ops)  
ALNI  
Alwar