

JB

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

JB/T 6895-2006

Replacing JB/T 6895-1993

**Technical specification for installation welding of aluminium air
separation plants**

铝制空气分离设备安装焊接 技术规范

(English Translation)

Issued on: December 31, 2006

Implemented on: July 1, 2007

**Issued by: Ministry of Industry and Information Technology of the
People's Republic of China**

Table of Contents

Foreword
1 Scope
2 Normative References
3 Basic Requirements for Installation Organization
4 Materials
5 Filler Material for Welding
6 Welding Procedure Qualification
7 Welders
8 Welding of Upper Column and Main Condenser Assembly
9 Welding of Field Assembly of Segmented Upper Column and Crude Argon Column
10 Pipeline Cleaning and Welding
11 Post-welding Inspection of Pipeline Weld
12 Voltage Withstand and Airtightness Test
Appendix A (Informative) Groove Type, Characteristic and Application Scope of Pipeline Welding Joint

1 Scope

This standard specifies the requirements of welding technology and inspection for pipelines and vessels manufactured and installed on site for aluminum-made air separation plant (hereinafter referred to as "air separation plant").

This standard is applicable to the installation welding of aluminum-made air separation plant.

2 Normative References

The following documents contain provisions which, through reference in this standard, constitute provisions of this standard. For dated reference, subsequent amendments to (excluding correction), or revisions of, any of these publications do not apply. However, the parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards. For undated references, the latest edition of the normative document referred to applies.