

JIS

JAPANESE INDUSTRIAL STANDARD

Classification Standard of Aluminium and Aluminium Alloy Scraps

JIS H 2119—1984

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Classification Standard of Aluminium and
Aluminium Alloy Scraps

H 2119-1984

1. Scope

This Japanese Industrial Standard specifies the classification standard of aluminium and aluminium alloy scraps.

2. Definitions

The definitions used in this standard shall be as follows:

- (1) different material It is aluminium or aluminium alloy, but not specified in "quality and shape" in respective grades of this classification standard.
- (2) foreign matters These are not aluminium nor aluminium alloys.
- (3) new scraps These are cut and blank scraps generated in the working process, of plate, bar, rod, wire, tube, shape, etc.
- (4) old scraps These are scraps for which essential uses are abolished.
- (5) scraps These are scraps including both old scraps and new scraps.

3. Classification

The aluminium scraps and aluminium alloy scraps shall be classified into 28 classes given in Attached Table.

4. Quality and Shape

The quality and shape of aluminium and aluminium alloy scraps shall conform to Attached Table.

Attached Table. Classification, Quality and Shape of
Aluminium and Aluminium Alloy Scraps

Number	Classification	Quality and shape
1	Aluminium electric wire scrap Class 1	It shall be the aluminium electric wire scrap of not less than 99.65 % in aluminium and not less than 2.0 mm in diameter, and free from corroded substance, coatings, steel cores and other foreign matter. Remarks 1. The aluminium electric wire herein means those specified in the following standards or those equivalent or superior thereto. JIS C 3107 JIS C 3108 JIS C 3109 JIS C 3110 2. It shall not be mixed with different materials such as aluminium alloy wire or the like.
2	Aluminium electric wire scrap Class 2	It shall be the aluminium electric wire scrap of not less than 99.65 % in aluminium and not less than 2.0 mm in diameter, and free from coatings or steel cores. Further, the total content of corroded substances and attached foreign matters shall be under 2.0 %. Remarks 1. The aluminium electric wire herein shall be same as those specified in Remark 1. of aluminium electric wire scrap Class 1. 2. It shall not be mixed with foreign matters such as aluminium alloy wire or the like.
3	Aluminium wire scrap Class 1	It shall be the aluminium wire scrap of not less than 99.0 % in aluminium and not less than 2.0 mm in diameter, and free from foreign matters such as corroded substance, coating and others. Remark: It shall not be mixed with different materials such as aluminium alloy wire or the like.
4	Aluminium wire scrap Class 2	It shall be the aluminium wire scrap of not less than 99.0 % in aluminium, and free from coating, fine wire, iron wire, steel wire or the like. Further, the total content of corroded substances and attached foreign matters shall be under 2.0 %. Remark: It shall not be mixed with different materials such as aluminium alloy wire or the like.
5	Classified ⁽¹⁾ aluminium alloy wire scrap Class 1	It shall be the one kind of aluminium alloy wire scrap of not less than 2.0 mm in diameter, and free from foreign matters such as corroded substance, coating and others. Remark: It shall not be mixed with different materials except the same alloy.