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**Polyethylene coated steel pipes—  
Part 2: External extruded  
polyethylene coated steel pipes**

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## Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by The Japan Iron and Steel Federation (JISF) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS G 3477-2:2016** is replaced with this Standard.

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**JIS K 3477** series consists of the following 3 parts under the general title “*Polyethylene coated steel pipes*”:

*JIS G 3477-1 Part 1: External 3 layer extruded polyethylene coated steel pipes*

*JIS G 3477-2 Part 2: External extruded polyethylene coated steel pipes*

*JIS G 3477-3 Part 3: External polyethylene powder coated steel pipes*

# Polyethylene coated steel pipes— Part 2: External extruded polyethylene coated steel pipes

## 1 Scope

This Japanese Industrial Standard specifies the external extruded polyethylene coated steel pipes (hereafter referred to as coated steel pipes) mainly used for underground<sup>1)</sup> services of transporting gas, oil, water, etc. and protecting cables. This Standard is applicable to pipes of outside diameter 21.7 mm (nominal diameter 15A or 16B) to 812.8 mm (nominal diameter 800A or 32B). The coated steel pipes are usually used at temperatures in the range of -20 °C to +40 °C.

Note <sup>1)</sup> The underground referred to above includes the bottom of river, the bottom of sea, common ditch, etc.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS G 0404 *Steel and steel products—General technical delivery requirements*

JIS G 0415 *Steel and steel products—Inspection documents*

JIS G 3444 *Carbon steel tubes for general structure*

JIS G 3445 *Carbon steel tubes for machine structure*

JIS G 3452 *Carbon steel pipes for ordinary piping*

JIS G 3454 *Carbon steel pipes for pressure service*

JIS G 3455 *Carbon steel pipes for high pressure service*

JIS G 3457 *Arc welded carbon steel pipes*

JIS G 3460 *Steel pipes for low temperature service*

JIS K 2207 *Petroleum asphalts*

JIS K 2235 *Petroleum waxes*

JIS K 5700 *Glossary of terms for coating materials*

JIS K 6900 *Plastics—Vocabulary*

JIS K 6922-2 *Plastics—Polyethylene (PE) moulding and extrusion materials—  
Part 2: Preparation of test specimens and determination of properties*

JIS K 7112 *Plastics—Methods of determining the density and relative density of  
non-cellular plastics*

JIS K 7161-1 *Plastics—Determination of tensile properties—Part 1: General principles*