Förhandsgranskning / Preview Standard withdrawn.

SKOGSINDUSTRIERNAS TEKNIK AB
Pulp and Paper Industries' Engineering Co
Sweden

SSG 1571E

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Identification marking of gas, liquid and ventilation installations

Introduction

The difference between this edition and Edition 4 is that Supplement SSG 1571 T has been withdrawn. The standard agrees with the Swedish standard SS 741, with the exception that it includes marking colour for pulp suspensions (See Subsection 1.2, Table 1) and a recommendation concerning marking of pipelines assigned to Object Groups 1-3 or with contents assigned to Category F according to Publication AFS No 1994:39, Pressure Vessels, of the Swedish Board of Occupational Safety and health.
The standard lays down general principles for the marking of gas and liquid lines and ventilation ducts intended for use in cases where special regulations have not been issued by the appropriate authorities. The scope of marking depends on the installation in question and must therefore be specified for each object.
The marking is to be painted directly on the lines, ducts and components or applied to tapes, signs etc which are to be securely attached to the lines and ducts and on or near the components. The shapes, sizes and positions of the text, arrows and other symbols shall be such that they are easy to understand. Text (preferably in accordance with the Swedish standard SS 03 00 11) shall be straight, and no character should have a height less than 12 mm.

1 Marking of gas and liquid lines

Lines for gases or liquid shall be marked with
- text
- colour
- arrow indicating direction of flow

and if necessary with
- hazard warning symbol [1)]
- fire equipment safety sign.

Marking by colour only is not permitted.

1.1 Text

Text shall be
- uneccoded text or
- unencoded text and designation.

The chemical formula or similar of the content can also be given immediately after the text.

The text shall provide detailed information concerning the content of the line, e.g. type of gas, acid, oil, etc, and possibly also field of appliaction, premises to be served, etc. If necessary the values of pressure, temperature etc are also to be stated. Quantities are to be expressed in SI units, with the units stated. Flow and return lines are to be marked Flow (or To) and Return (or From).

As and when appropriate, lines may also be marked in accordance with service instructions, drawings, specifications or similar documents.

Text and designation shall be colour coded in contrasting colours in accordance with Tables 1 and 2. Text is to precede designation. If an arrow for flow direction is placed in the colour marking (see Subsection 1.3), text may be placed inside the arrow.

1.2 Colour

Lines shall be marked in colour in accordance with Table 1.
Lines for medical gases shall however be marked with a colour in accordance with Table 2 which agrees with Specification 523 01 of Spri. [2)]

1) *A pipeline assigned to one of Object Groups 1-3 or whose content is assigned to Category F according to Publication AFS No 1994:39, Pressure Vessels, of the Swedish Board of Occupational Safety and health, should be provided with a hazard warning symbol.*

2) *Spri = Planning and Rationalisation Institute for the Health & Social Services, Sweden.*

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