

## Codes and symbols for measurement and control functions in process flow diagrams

### Guidance information

In SSG 5275E proposals are given for the production of a ; Function based identification system for processes and plants;

The principal object of these recommendations is to give the industry a system of codes and symbols which have been tested and evaluated in conjunction with several large projects.

The recommendation is largely based on an existing standard in this field:

- ISO 14617-5, Measurement and control devices
- ISO 14617-6, Measurement and control functions.

All the non-electrical symbols are collated in the standard series "SS-ISO 14617, Graphical Symbols for Diagrams". The collection of symbols is contained in a database, available through SIS if a subscription is taken out.

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### 1 Introduction

These recommendation comprise codes and symbols for fundamental control system functions in process flow diagrams.

All the phases and auxiliary systems which form part of the process are set out in the process flow diagram. This is done by symbols and lines which describe processes with respect to functions such as to move, treat, measure, control and store a product.

Computerised control systems have necessitated certain changes in the traditional letter codes in accordance with ISO 14617-6.

The function code consists of capitals. Possible combinations are set out in Section 5 Tables.