



ISO 21013-3

Cryogenic vessels — Pressure-relief accessories for cryogenic service —

Part 3: Sizing and capacity determination

Réipients cryogéniques — Dispositifs de sécurité pour le service cryogénique —

Partie 3: Détermination de la taille et du volume

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This third edition cancels and replaces the second edition (ISO 21013-3:2016), which has been technically revised.

The main changes are as follows:

- precision added on the total outer surface area of the pipe network containing flow of fluid;
- inclusion of the symbol of coefficient of discharge;
- precision added on the overall convective heat transfer coefficient of the ambient air vaporizer;
- additional information added on the fire case and PBU conditions;
- correction of the molar mass in kg/kmol and modification of [Formulae \(32\)](#) and [\(43\)](#);
- supplementary information added on cryostats.

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