

BUREAU OF INDIAN STANDARDS

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DRAFT AMENDMENT NO. 1

**IS 4379 : 2021 IDENTIFICATION OF THE CONTENTS OF
INDUSTRIAL GAS CYLINDERS**

(Second Revision)

ICS 01.070; 23.020.35

Gas Cylinders Sectional
Committee, MED 16

Last date for receipt of comments:
20 February 2025

[Page 11, Table 7, row (xxii)] — Substitute the following for the existing:

Sl. No.	Name of Gas	Ground Colour	Colour Shade No. / RAL No.	Colour of Shoulder	Colour Shade No. / RAL No.	Colour of Band	RAL No.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
xxii)	Nitrogen	French grey (630)	C.S. 630	Graphite Black	RAL 9011	-	-

(Page 13, Table 9) — Substitute the following for the existing:

Table 9 Cylinder Colours Identification of Refrigerant Gases (Low Pressure – Flammable)

(Clause 4.2)

Sl No.	Name of Gas	Ground Color	Colour Shade No./ RAL No.	Colour of Shoulder	Colour Shade No./ RAL No.	Colour of Band	RAL No.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
i)	1-CHLORO-1,1-DIFLUOROETHANE R-142B	FRENCH GREY (630)	C S 630	DARK VIOLET (796)	RAL 4011	SIGNAL RED (537)	RAL 3001
ii)	DIFLUOROMETHANE (METHYLENE FLUORIDE) R-32						
iii)	DIFLUOROETHANE (ETHYLENE FLUORIDE) R-152a						
iv)	ETHYL CHLORIDE R-160						

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v)	1,1 DIFLUOROETHANE R-152A						
vi)	n-BUTANE R-600a						
vii)	2,3,3,3-TETRAFLUORO-1-PROPANE R-1234YF						
viii)	TRANS-1,3,3,3-TETRAFLUORO-1-PROPANE R-1243za(E)						
ix)	TRANS-1,3,3,3-TETRAFLUORO-PROP-1-ENE R-1234ze						
x)	PROPYLENE R-1270						
xi)	CHLOROMETHANE METHYLCHLORIDE R-40						
xii)	DIETHYLETHER R-610						

(Page 14, Table 10) — Substitute the following for the existing:

Table 10 Cylinder Colours Identification of Refrigerant Gases (High Pressure – Non Flammable)

(Clause 4.2)

SI No.	Name of Gas	Ground Color	Colour Shade No./ RAL No.	Colour of Shoulder	Colour Shade No./ RAL No.	Colour of Band	RAL No.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
i)	TETRAFLUOROETHYLENE R-1114	FRENCH GREY (630)	C S 630	GROUND COLOUR	C S 630	-	-
ii)	1,1 - DIFLUOROETHYLENE R-1132a						
iii)	SUVA'REFRIGERANT 2,2 - DICHLORO-1,1,1 - TRIFLUOROETHANE R-123						
iv)	BROMOTRIFLUOROMETHANE R-13B1						
v)	TETRAFLUORMETHANE (CARBON TETRAFLUORIDE) R-14						
vi)	TRIFLUOROMETHANE R-23						
vii)	HEXAFLUOROETHANE R-116						
viii)	VINYL FLUORIDE Inhibited / VINYL FLUORIDE R-1141						

ix)	PENTAFLUOETHANE R-125						
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[Page 16, Table 13, row (i)] — Substitute the following for the existing:

Table 13 Colour Identification of Gases and Gas Mixtures
(Clause 4.5)

Sl No	Nature of Gas or Mixture	Ground Colour of Cylinder Shell (See Notes below)	Colour Shade No./ RAL No.	Colour of Shoulder	Colour Shade No. / RAL No.	Colour of Band	Colour Shade No. / RAL No.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
i)	Non-Inflammable and non-poisonous	White	RAL 9003	-	-	-	-

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