



MALAYSIAN STANDARD

MS 830:2021

**Storage, handling and transportation of
liquefied petroleum gases (LPG) - Code of
practice
(Fourth revision)**

ICS: 75.200

Descriptors: liquefied petroleum gas, storage, handling, transportation, piping systems, dispensing station

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Contents

	Page
Committee representation	v
Foreword.....	vi
SECTION 1: SCOPE AND GENERAL	
1.1 Scope	1
1.2 Normative references	1
1.3 General properties of LPG	1
1.4 LPG odourisation.....	2
1.5 Terms and definitions	2
1.6 Qualification of personnel.....	10
SECTION 2: CONTAINER DESIGN AND CONSTRUCTION	
2.1 Application.....	10
2.2 Design code	10
2.3 Design pressure	10
2.4 Marking of containers	11
2.5 Container openings	12
2.6 Protection for container openings	12
2.7 Container valves and appurtenances.....	14
2.8 Protection against physical damage to portable container appurtenances	20
SECTION 3: PIPING, VALVES AND FITTINGS	
3.1 Application.....	20
3.2 Piping.....	20
3.3 Valves.....	24
SECTION 4: EQUIPMENT	
4.1 Application.....	25
4.2 Pumps and compressors.....	25
4.3 Vaporisers	26
4.4 Strainers	30
4.5 Regulators	30
SECTION 5: CAPACITY, LOCATION AND INSTALLATION OF ABOVEGROUND STORAGE CONTAINERS UP TO FIRST-STAGE REGULATOR	
5.1 Application.....	31
5.2 Container location and safety distances	31
5.3 Installation (excluding compact units)	39
5.4 Containers for temporary storages.....	44
5.5 Discharge from safety relief valves	45
5.6 Accessibility to fittings	45
5.7 Signs and notices	45
5.8 Illumination	45
5.9 Conveyance	46

MS 830:2021

Contents (continued)

	Page
SECTION 6: CAPACITY, LOCATION AND INSTALLATION OF UNDERGROUND/MOUNDED STORAGE CONTAINERS UP TO FIRST-STAGE REGULATOR	
6.1 Application	46
6.2 Special requirements for underground/mounded containers	46
6.3 Container location and safety distances	48
6.4 Installation	51
SECTION 7: TRANSPORTATION OF LPG	
7.1 Application	54
7.2 Vehicle design	54
7.3 Accessories	55
7.4 Transportation of cylinders	56
7.5 Transportation in road tankers	56
7.6 Parking	58
7.7 Servicing and repairing of road tankers	59
SECTION 8: TRANSFER OF LIQUIDS	
8.1 Application	60
8.2 Operational safety	60
8.3 Venting LPG to the atmosphere	63
8.4 Pumps and compressors	64
SECTION 9: FILLING CAPACITIES OF LPG CONTAINERS AND CYLINDERS	
9.1 Application	64
9.2 LPG capacity of containers	64
9.3 Compliance with maximum permitted filling ratio requirements	64
SECTION 10: CYLINDER FILLING	
10.1 Application	66
10.2 Cylinder filling locations and platforms	66
10.3 Cylinder filling	67
10.4 Handling and storage of cylinders	69
10.5 Decanting	71
10.6 Cleanliness	72
10.7 Signs and notices	72
SECTION 11: STORAGE OF CYLINDERS AWAITING USE OR RESALE	
11.1 Application	72
11.2 General requirements	73
11.3 Storage within buildings	74
11.4 Storage outside of buildings	75
11.5 Signs and notices	76
SECTION 12: CYLINDERS IN USE	
12.1 Application	78
12.2 Cylinders in use for outdoor installations	78
12.3 Cylinders in use for building under construction, demonstration or display, education and shop house installation	86

Contents (continued)

	Page
SECTION 13: AUTOMOTIVE LPG DISPENSING STATION	
13.1 Application	87
13.2 Storage containers	88
13.3 Piping.....	88
13.4 Dispensing point.....	88
13.5 Transfer of LPG from tanker to storage container	89
13.6 Signs and notices	90
13.7 Procedure for dispensing of LPG into fuel containers of vehicles	90
SECTION 14: ELECTRICAL AND ELECTROSTATIC HAZARD PRECAUTIONS	
14.1 Application	91
14.2 Classification of hazardous areas	91
14.3 Extent of classified areas	92
SECTION 15: FIRE PROTECTION	
15.1 Application	96
15.2 General.....	96
15.3 Container storages and installations	99
15.4 Cylinder storages and installations	99
15.5 Gas leakage and detection.....	100
15.6 Deflection wall	100
SECTION 16: DESIGN AND USE OF MOBILE GAS-FIRED EQUIPMENT	
16.1 General.....	102
16.2 Position of LPG vessels on vehicles	102
16.3 Protection	103
16.4 Pipe work valves and fittings	103
16.5 Refuelling procedures	103
16.6 Maintenance.....	106
Annex A Normative references	107
Annex B Properties of LPG.....	110
Annex C Pressure testing of pipe work at LPG installations	112
Annex D Rate of discharge for safety relief valves on containers	113
Annex E Rate of discharge for safety relief valves for LPG vaporisers (other than atmospheric)	115
Annex F Deflection walls	116
Annex G Emergency procedure guide (for vehicles carrying dangerous goods)	117
Annex H Emergency procedure guide	120
Annex J Container filling procedures	123

MS 830:2021

Contents (continued)

	Page
Annex K Method of calculating maximum permitted liquid volume which can be placed in a container at any liquid temperature.....	125
Annex L Procedures for visual inspection and requalification of cylinders	129
Annex M Fire safety signs	138
Annex N Protective bollard poles.....	140
Annex P Refuelling procedures at automotive LPG dispensing stations	141
Annex Q LPG emergency procedures	142
Annex R How to control LPG leaks and fires.....	143

Committee representation

The National Standards Committee on Petroleum and Gas (NSC H) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Department of Occupational Safety and Health Malaysia
Department of Standards Malaysia (Secretariat)
Energy Commission
Federation of Malaysian Manufacturers - Malaysian Industrial Gases Manufacturers Group
Fire and Rescue Department of Malaysia
Malaysia Automotive, Robotics and IoT Institute
Malaysian Gas Association
Malaysian Oil & Gas Engineering Council
Malaysian Palm Oil Board
Malaysian Plastics Manufacturers Association
Ministry of Domestic Trade and Consumer Affairs
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Road Transport Department Malaysia
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SIRIM Berhad (Previous Secretariat)
The Institution of Engineers, Malaysia
The Malaysian Association of Hydrogen Energy
Universiti Kebangsaan Malaysia
Universiti Teknologi Malaysia
Universiti Teknologi PETRONAS

The Technical Committee on Liquefied Petroleum Gas and Related Products (NSC H/TC 5) which developed this Malaysian Standard consists of representatives from the following organisations:

Energy Commission
Department of Standards Malaysia (Secretariat)
Boustead Petroleum Marketing Sdn Bhd
Department of Occupational Safety and Health Malaysia
Energy Commission
Fire and Rescue Department of Malaysia
Gas Malaysia Berhad
Ministry of Domestic Trade and Consumer Affairs
NGC Energy Sdn Bhd
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Globegas Engineering Sdn Bhd
PETRONAS Penapisan (Terengganu) Sdn Bhd
Petron Malaysia Refining and Marketing Bhd
Solar Gas Sdn Bhd

MS 830:2021

Foreword

This Malaysian Standard was developed by the Technical Committee on Liquefied Petroleum Gas and Related Products (NSC H/TC 5) under the authority of the National Standards Committee on Petroleum and Gas (NSC H).

The fourth revision of MS 830 cancels and replaces MS 830:2013, *Code of practice for the storage, handling and transportation of liquefied petroleum gases*.

Major modifications in this revision are as follows:

- a) incorporation of new clauses on “Definitions”;
- b) Section 5, Section 11 and Section 12 have been revised and rearranged accordingly;
- c) the illustration for installation within building boundary updated; and
- d) incorporation of an annex on “Normative references”.

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.