

F17B

GAS-HOLDERS OF VARIABLE CAPACITY (self-acting gas cut-off devices [A47J 27/62](#), [G05D](#); flame traps [A62C 4/00](#); gas mixers [B01F](#), [F16K 11/00](#), [G05D 11/00](#); construction or assembling of bulk storage containers employing civil-engineering techniques [E04H 7/00](#), gas compressors [F04](#); valves [F16K](#); damping pulsations in valves or pipes [F16K](#), [F16L](#); pipes [F16L](#); stopping devices for gas mains [F16L 55/10](#); vessels adapted for storing compressed, liquefied, or solidified gases [F17C](#); gas distribution systems [F17D 1/04](#); detecting leakage [F17D 5/02](#), [G01M](#); supervising or alarm devices [F17D 5/02](#), [G08B](#); control of combustion in burners [F23N](#); gas flow or pressure regulators [G05D](#))

Definition statement

This place covers:

Gas-holders for the storage of compressed, eventually liquefied or solidified gas, with large volume, and whose volume capacity can be changed by special means. Storage of gas is the only purpose of gas-holders.

Warning: This subclass is pending a reorganisation. Documents are continuously reclassified to subclass [F17B](#) and deep indexing scheme [F17C](#) .

Relationships with other classification places

The fluid contained in the gas-holders according to this subclass should be a gas. It is stored in a gaseous, mostly compressed, or in a liquefied or solidified state of matter in the pressure vessel.

Large vessels that contain other substances than gases are classified in [B65D 88/00](#).

References

Informative references

Attention is drawn to the following places, which may be of interest for search:

Large vessels not containing gas	B65D 88/00
Storing fluids in natural or artificial cavities or chambers in the earth	B65G 5/00
Pressure vessels containing gas	F17C

Special rules of classification

[F17B](#) is merely an inactive field with very few and old documents, and a pending reorganisation will reallocate the documents of this subclass into scheme of [F17C](#) , with deep indexing coding. Thus documents are continuously reclassified within subclass [F17B](#) and the deep Indexing Codes under [F17C](#) .

Glossary of terms

In this place, the following terms or expressions are used with the meaning indicated:

Gas	Substance that is in gaseous state of matter at normal conditions (atmospheric pressure and normal ambient temperature). Substances that are in a gaseous state of matter but would not be gaseous at normal conditions are not considered in this subclass. Gas can be put in liquid (liquefied gas), or solidified state of matter, for storage.
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F17B 1/00

**Gas-holders of variable capacity (large containers in general [B65D 88/00](#);
storing fluids in natural or artificial cavities or chambers in the earth
[B65G 5/00](#))**

Definition statement

This place covers:

Gas-holders for the storage of compressed, eventually liquefied or solidified gas, with large volume, and whose volume capacity can be changed by special means. Storage of gas is the only purpose of gas-holders.