

# Details about the Construction of electrical Equipment in hazardous areas



## Ship Data

Shipyard \_\_\_\_\_ Hull no. \_\_\_\_\_

Ship's name \_\_\_\_\_ GL-Register no. \_\_\_\_\_

Type of Ship  Seagoing ship  Inland vessel

### Tanker

Oil tanker  Gas tanker  Chemical tanker \_\_\_\_\_  
Type

Flash point > 60°  Flash point ≤ 60°

Minimum degree of explosion protection

Explosion group (II A, II B, II C) \_\_\_\_\_ Temperature class (T1 - T6) \_\_\_\_\_

### Ship for the carriage of vehicles only

Explosion group II A, Temperature class T 3 and degree of protection IP 55 is required.

### Ship for the carriage of dangerous goods (SOLAS II-2, Reg. 19)

General cargo  Container  Ro-Ro  Solid bulk

### Intended classes of packaged goods

Class 1 \_\_\_\_\_  
In cargo hold no.

Class 1.4 S only \_\_\_\_\_  
In cargo hold no.

Class 2 including all flammable gases \_\_\_\_\_  
In cargo hold no.

Class 2 except hydrogen and hydrogen mixtures \_\_\_\_\_  
In cargo hold no.

Class 3 including liquids with flash point < 23°C \_\_\_\_\_  
In cargo hold no.

Class 6 including liquids with flash point < 23°C \_\_\_\_\_  
In cargo hold no.

Class 8 including liquids with flash point < 23°C \_\_\_\_\_  
In cargo hold no.

**Intended classes of solid bulk cargo**

Class 4.1

\_\_\_\_\_   
 In cargo hold no.

Class 4.2

\_\_\_\_\_   
 In cargo hold no.

Class 4.3

\_\_\_\_\_   
 In cargo hold no.

Class 5.1

\_\_\_\_\_   
 In cargo hold no.

Class 9

\_\_\_\_\_   
 In cargo hold no.

Special substances

\_\_\_\_\_   
 \_\_\_\_\_

**Minimum degree of explosion protection in the hazardous area zone 1**

Cargo hold	No. _____	No. _____	No. _____
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Explosion group (II A, II B, II C)	_____	_____	_____
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Temperature class (T1 - T6)	_____	_____	_____
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Degree of protection (IP xx)	_____	_____	_____
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**Minimum degree of protection in the extended hazardous area zone 2**

Access to cargo hold	No. _____	No. _____	No. _____
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Maximum permissible surface temperature (°C)	_____	_____	_____
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Degree of protection (IP xx)	_____	_____	_____
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**Following equipment will be switched off and locked during the carriage of dangerous goods**

\_\_\_\_\_   
 \_\_\_\_\_   
 \_\_\_\_\_

**Remarks**

\_\_\_\_\_   
 \_\_\_\_\_   
 \_\_\_\_\_   
 \_\_\_\_\_

Place/Date

Stamp and Sign of the Shipyard

Approval

## Electrical equipment for hazardous areas (zone 0, 1 and 2)

Equipment	Place of installation	Degree of protection	Certificate No.*	Authority
		Ex IP		

\* A complete copy to be attached.