

Amendments of the Rules

(External Development Review - External Opinion Inquiry)

Guidance for Battery Systems on Board of Ships



2023.02.

Hull Rule Development Team

Main Amendments

(1) Background of Amendment

- 1) Corrected wording to clarify application of battery room which was enclosed by an A-0 according to request for establishment/revision of Classification Technical Rules[HUT4000-3406-2022]

Present	Amendment	Note
<p style="text-align: center;">CHAPTER 3 CONSTRUCTION AND EQUIPMENT</p> <p style="text-align: center;">Section 1 ~ Section 3 <omitted> Section 4 Fire Protection and Fire Extinction</p> <p>401. General</p> <ol style="list-style-type: none"> 1. The requirements in this Section apply in addition to Pt 8 of the Rules for the Classification of Steel Ships. 2. <u>Battery rooms</u> may generally be considered as an “Other machinery spaces” for fire protection purposes. 3. The <u>battery room</u> shall be enclosed by an A-0 class <u>bulkheads</u> and the boundary between the following compartments shall be A-60 class. <ul style="list-style-type: none"> (1) Machinery spaces of category A specified by SOLAS Reg.II-2/3 (2) Cargo area for the transportation of dangerous goods 4. Where a water injection system is applied for the arrangement of fire extinguishing systems in the battery room and for the cooling of batteries or other components, the necessity and safety shall be approved by the Society. <p><omitted below></p>	<p style="text-align: center;">CHAPTER 3 CONSTRUCTION AND EQUIPMENT</p> <p style="text-align: center;">Section 1 ~ Section 3 <same as present> Section 4 Fire Protection and Fire Extinction</p> <p>401. General</p> <ol style="list-style-type: none"> 1. The requirements in this Section apply in addition to Pt 8 of the Rules for the Classification of Steel Ships. 2. <u>Battery spaces</u> may generally be considered as an “Other machinery spaces” for fire protection purposes. 3. The <u>battery space</u> shall be enclosed by an A-0 class <u>divisions</u> and the boundary between the following compartments shall be A-60 class. <ul style="list-style-type: none"> (1) Machinery spaces of category A specified by SOLAS Reg.II-2/3 (2) Cargo area for the transportation of dangerous goods 4. Where a water injection system is applied for the arrangement of fire extinguishing systems in the battery room and for the cooling of batteries or other components, the necessity and safety shall be approved by the Society. <p><same as present></p>	<p>- Reflection of the results of the previous deliberation (modified to unify terms within this Guidance)</p> <p>- Amended to clarify meaning that A-0 class applications includes decks</p>