

Shop Approval



Approval No: **KBZ 1101 HH**

For the **Manufacture of asbestos free reinforced
Fiber glass friction materials**

the company **Industria de Balatas S.A.
Camino a Melipilla 10750
Maipú
Chile**

has applied for the Shop Approval. On the basis of the results of checks regarding the company's production facilities and the qualification of the personnel in charge the above mentioned company is approved within the scope as follows:

Field of application Winches, cranes, windlasses and capstans

Normative Reference Rules for Classification and Construction
II - Material and Welding Technology
Part 2 - Non-metallic Materials

Technical Details Max working temperature:
300°C

Max continuous working temperature:
200°C

Max working pressure:
1,30 N/mm²

Max continuous working pressure:
0,60 N/mm²

The approval consists of this document and a one-page annex.

This Shop Approval is valid until 2012-01-31.

Hamburg, 2009-01-09

Germanischer Lloyd


Sven Koller


Guido Michalek

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ANNEX

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Approval Basis

- Workshop inspection carried out at 2008-12-15
- Friction test witnessed by Germanischer Lloyd

Approval conditions

The company is obliged to manufacture non-asbestos brake linings (components) according to the Rules of Germanischer Lloyd whenever the components are design approved by Germanischer Lloyd. This obligation is effective without detriment, regardless of contracts closed between manufacturer and customer. If no Shop Approval is necessary for the construction of certain components being examined by Germanischer Lloyd, the company is only free of the obligation if they submit notification in writing to Germanischer Lloyd before construction begins.

The company shall prepare an inspection plan for each type of components before construction begins and submit this to Germanischer Lloyd. The plan has to clearly indicate the duties of the construction and the quality control. This inspection plan has to be approved by Germanischer Lloyd prior to production starts.

Alterations or modifications within the company having substantial influence upon the manufacturing quality (e.g. alterations in construction methods and/or construction facilities) and changes in the qualification of personnel are to be immediately indicated in writing to the GL surveyor in charge or to Germanischer Lloyd Head Office.

Should any check reveal any deviations from the shop approval a determined period will be arranged for the elimination of these deviations and if necessary a subsequent examination will be undertaken. Should the subsequent examination establish that the deviations have not been eliminated, Germanischer Lloyd is entitled to withdraw the shop approval.

Should Germanischer Lloyd get knowledge about any damages on products the company is responsible for, Germanischer Lloyd is entitled to suspend the shop approval until the deficiencies are remedied or to withdraw the shop approval.

Germanischer Lloyd

Gult