



# **PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS**

**CERTIFICATE NO.: NET0301A**

**Holder of certificate:** Hannells Industrier AB

**Manufacturer:** Hannells Industrier AB  
Box 174, (Kvekatorpsvägen 25)  
S-311 22 Falkenberg  
SWEDEN

**Product:**

| Packaging code | Description                    | Drawings                             | Material                          | Material thickness      |
|----------------|--------------------------------|--------------------------------------|-----------------------------------|-------------------------|
| 1A2            | Steel Pail with removable head | Steel pail, drawing number: HE3-2500 | Electrolytic tinplate Durbar S275 | Body and bottom: 0.36mm |

**Closing mechanism:**

| Closure type  | Material                          | Material thickness | Gasket         |
|---|-----------------------------------|--------------------|----------------|
| Clamping ring with lever. The lid can have a plastics closure, H.z601 | Electrolytic tinplate Durbar S275 | 0.45 mm            | Darex COV 53DF |

**Photo:**



**Dimensions:**

| Volume, litre | Packaging weight, g | Height, mm | Diameter, mm | Max volume. litre |
|---------------|---------------------|------------|--------------|-------------------|
| 10            | 910                 | 225        | 275          | 12.2              |
| 12            | 925                 | 238        | 275          | 12.9              |
| 15            | 970                 | 295        | 275          | 16.1              |
| 20            | 1300                | 371        | 275          | 21                |

**Marking on packaging:**  1A2/Y2.5/100/YR/N/NET0301A – ID

"YR" to be replaced with the two last digits of the year.

"ID" to be replaced by any identification as decided by the manufacturer.

**Approval:** NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB):

Legal regulations on Transportation of Dangerous Goods on road and railway  
§ 11-1, 7th segment.

**Regulations based upon for approval:** ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.  
RID, International Regulations on Transport of Dangerous Goods by Rail.  
COTIF, Convention concerning International Carriage by rail.  
UN Recommendations on the Transport of Dangerous Goods.  
IMDG, International Maritime Dangerous Goods Code, for sea transport.  
ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air.  
IATA Dangerous Goods Regulations, for the air transport.

**Approval is valid for:** Liquid substances that do not adversely affect the packaging materials.

| Packaging groups | Standard liquid | Max. relative density | Max. vapour pressure, kPa at +50°C |
|------------------|-----------------|-----------------------|------------------------------------|
| II and III       | water           | 2.5                   | 114                                |

**Basis for certification:** Type Approval

| Report id. | Date       | Issued by | Scope                                |
|------------|------------|-----------|--------------------------------------|
| NET0301A   | 04.03.2007 | NET AS    | Type approval                        |
| NET0301A-1 | 27.03.2007 | NET AS    | Type approval, supplementary testing |

**Porsgrunn:** 18.12.2007

**Certificate is valid until:** 30.04.2012



**Geir Morten Johansen**  
Certification Officer



**Rune Madsen Fink**  
Control Officer

**Nordisk Emballasje Testing AS**  
**Certification**