



Product Service

## Technischer Bericht Nr. 028-713030854-005

**Rev. 01**  
**vom 11.10.2013**

Auftraggeber:  
Client Lappset Group OY  
Esa Junttila

Herstellungsort:  
Manufacturing site P.O. Box 8146  
96101 - Rovaniemi  
Finnland

Gegenstand der  
Begutachtung:  
Subject of the evaluation:  
Product: Fitness for public use  
Name Exercise  
081205M BARBELL S, high barbell rack with "Small" weight  
081206M BARBELL M, high barbell rack with "Medium" weight  
081207M BARBELL L, high barbell rack with "Large" weight  
081275M BACKLIFT, barbel rack for back lifting

Prüf-  
spezifikation:  
Test specification DIN 79000:2012  
ZEK 01.4-08

Aufgabe der  
Begutachtung:  
Object Prüfung nach den oben genannten Prüfspezifikationen  
Test according to the standard mentioned above

Prüf-  
ergebnis:  
Result Die vorgestellten Geräte weichen von den Anforderungen der genannten Prüfspezifikation (4.2.1) ab. Die Abweichung beinhaltet unter Beachtung der Herstellerhinweise zum Aufstellort jedoch ein akzeptables Risiko. The Products do not comply with the test specification in 4.2.1. If the information's of the manufacturer about installation place is regarded, the residual risk is tolerable.

Dieser Technische Bericht darf nur in vollständigem Wortlaut wiedergegeben werden. Die Verwendung zu Werbezwecken bedarf der schriftlichen Genehmigung. Er enthält das Ergebnis einer einmaligen Untersuchung an dem zur Prüfung vorgelegten Erzeugnis und stellt kein allgemeingültiges Urteil über Eigenschaften aus der laufenden Fertigung dar.  
This technical report may only be quoted in full. Any use for advertising purposes must be granted in writing. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in



## 1 Description of the test subject

### 1.1 Function

Training equipment to use in public spaces without supervision

### 1.2 Technical Data

Steel parts galvanized, powder coated  
Steelpipes: 48,0 x 3,2 mm, 42,4 x 3,2 mm, 33,7 x 2,0 mm,  
Handgrip 404 mm x 125 mm

081205M	BARBELL S, high barbell rack with "Small" weight
081206M	BARBELL M, high barbell rack with "Medium" weight
081207M	BARBELL L, high barbell rack with "Large" weight
081275M	BACKLIFT, barbell rack for back lifting

## 2 Order

### 2.1 Date of Purchase Order

05.06.2013

### 2.2 Date of receipt of test subject / Sampling date

**07./08.03.2013 / 11.10.2013**  
Pre test Rovaniemi / Final test München

### 2.3 Deviations from the test methods

None

## 3 Test results

### 3.1 PAH Risk analysis acc. ZEK-01.4-08

The materials used are identically to those used for Lappset standard playground equipment. They have shown compliance to ZEK-01.2-08. (SGS E98389) As the results have shown values near or below the detection limits of the test apparatus, a new test fur 01.04-08 was not required.

### 3.2 Points of non-compliance

DIN 79000 4.3.1 General requires:  
Fitness equipment shall not permit the functions neck pressing and back lifting.  
The tested equipment offers these two exercises, but in all cases, the weight is guided by 2 parallel bars, that prevents from a negative body position.



Product Service

If the information's of the manufacturer about installation place is regarded, the residual risk is tolerable. The items must not be installed nearby playgrounds, schools or kinder gardens.

#### 4. Documentation

- Lappset Test Reports
- Module Instructions
- Detail Drawings
- Assembly Instructions

TÜV SÜD Product Service GmbH

Technischer Bericht erstellt



i.A. Dipl.-Ing.(FH) Franz Danner  
MUC TF4

i