



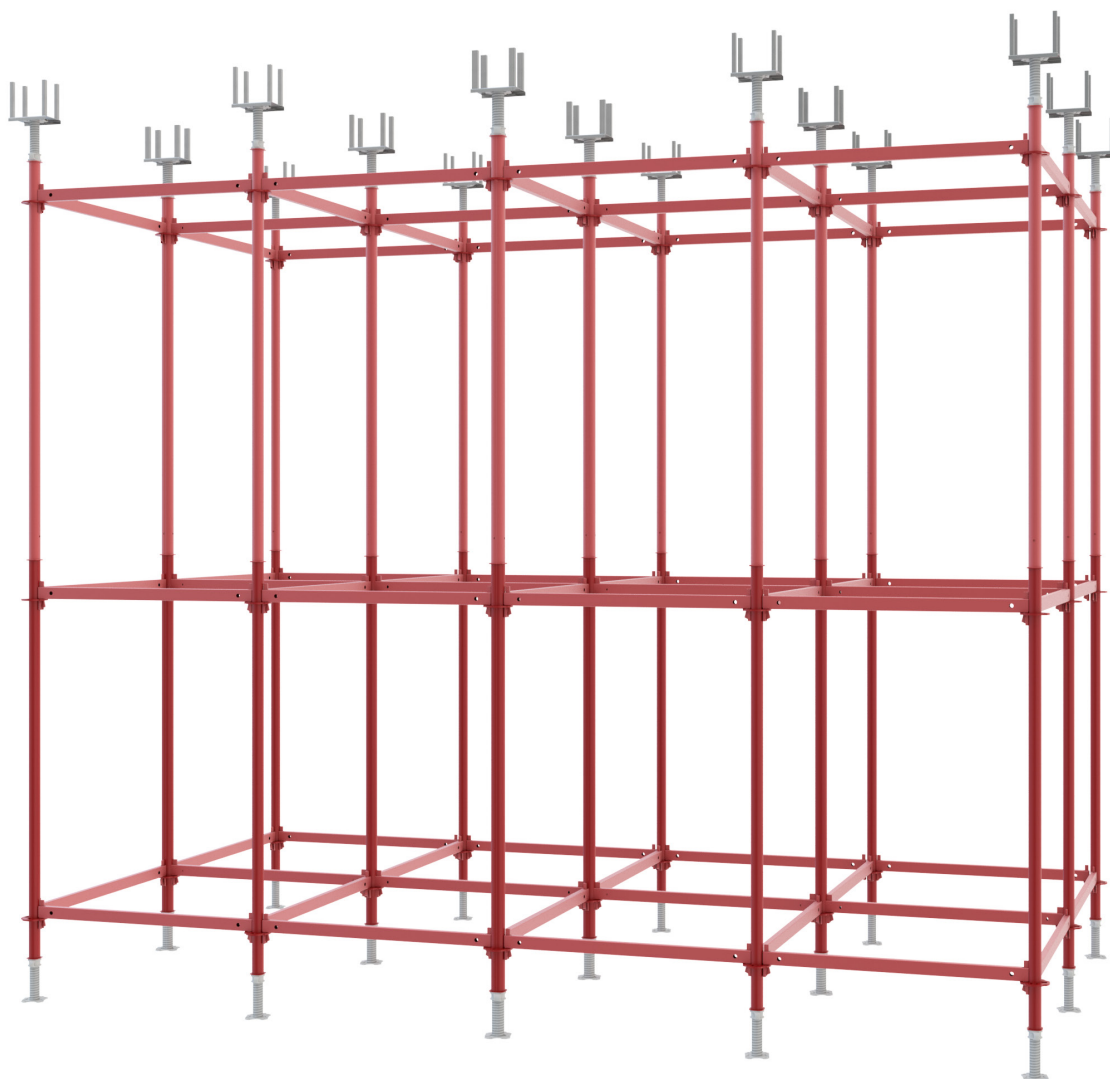
BAZIS HOLDING

DEAR CUSTOMER!

We thank you for purchasing
our products

PS-BazisPro 3 Passport

BAZIS PRO-3 SYSTEM



APPLICATION

System Bazis Pro-3 - is a special complex device, which is used as the basic tool for obtaining horizontal and inclined surfaces during the construction of residential and public buildings, bridges, overpasses, overpasses of monolithic reinforced concrete, as auxiliary devices (AFaD) for the installation of complex structures or for building the bridge supports.

Engineering → production → realization

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TECHNICAL CHARACTERISTICS

- The supporting struts are made of 57x2.0 pipe
- The maximum load-carrying capacity of the rack when installed within the system* is 3tf, taking into account additional technological and dynamic pressure.
- Pillar connection in height is made by means of socket connection, horizontal elements are made of 60x30x2,0 profile pipe. Rack connection into volumetric system* is made with horizontal elements and the help of special wedge knot
- Conform to GOST-34329-2017
- Used at ambient temperatures from -40°C to +45°C

Measurements	UM	Values
Horizontal element spacing (BazisPro r) on the height (socket positioning on columns)	M	2,0
Maximum bearing capacity in the system*	Tf	3,0
Maximum load-bearing capacity when installed as a separate structure*	Tf	1,5
Maximum load-bearing capacity of horizontal elements (BazisPro r) with 1.0x1.0 spacing	Tf	1,0
Minimum length of the horizontal element	M	0,25
Maximum length of the horizontal element	M	3,0
Minimum rack height	M	0,5
Maximum assembly height	M	2,4
Minimum assembly height	M	1,2
Maximum assembly height (without factory approval)	M	15

* Installation / assembly in the system

Assembling from individual elements of the spatial design.

WARNING!

During the assembly it is mandatory to install the horizontal elements BazisPro r without gaps, i.e. all fully connected, the load characteristics in this case the nominal.

* Installation as a separate construction

The assembly of the individual elements of the spatial structure with a base in four axes.

The use of such construction is allowed for clear heights not exceeding 4.0 m and loads not exceeding 800 kgf/m.

WARNING!

In case if this assembly configuration the load characteristics are half of the nominal load of 1.5 tf per column.

WARNING!

This document is intended for use by experienced scaffolding engineers, use by unqualified personnel **may result in serious injury or property damage.**

The load information contained in this document is based on the carrying capacity of the individual components.

LIST OF MAIN COMPONENTS

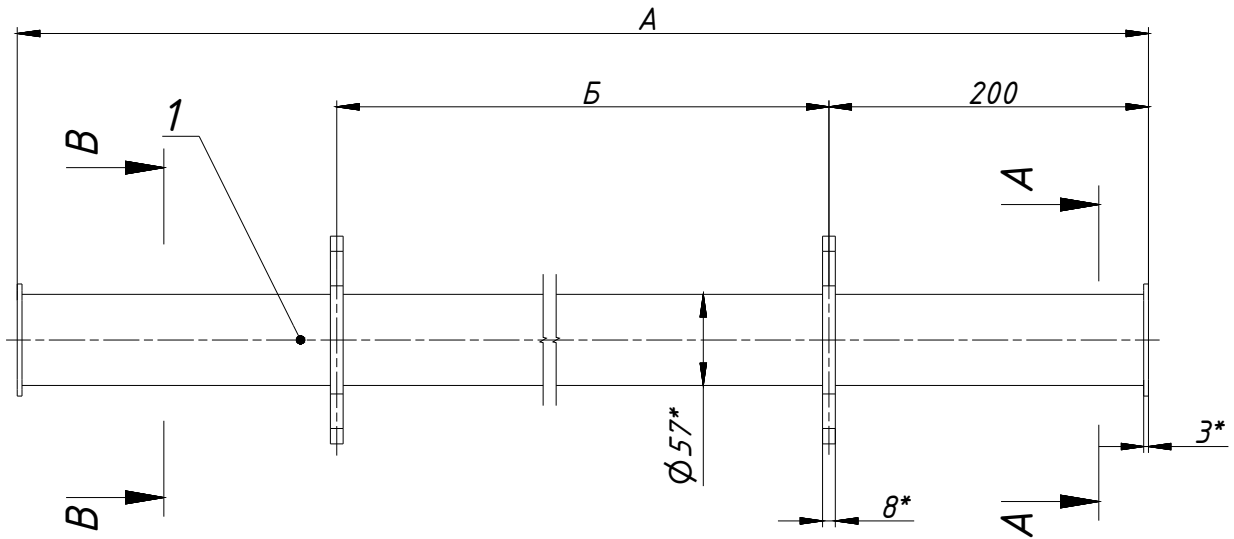
Use the Bazis Pro-3 instruction manual (separate executive document) to calculate the number of components and their load carrying capacity.

Name	Length (dimension), m	Weight, kg
Bazis Pro-3 s 2-80	0,8	3,2
Bazis Pro-3 s 2-100	1,0	3,7
Bazis Pro-3 s 2-120	1,2	4,3
Bazis Pro-3 s 2-140	1,4	4,8
Bazis Pro-3 s 2-150	1,5	5,1
Bazis Pro-3 s 2-180	1,8	5,9
Bazis Pro-3 s 2-200	2,0	6,4
Bazis Pro-3 s 2-220	2,2	7
Bazis Pro-3 s 2-240	2,4	7,5
Bazis Pro-3 s 3-200	2,0	6,9
Bazis Pro-3 s 3-240	2,4	8,0
Bazis Pro-3 d 1-50	0,5	2,8
Bazis Pro-3 d 1-80	0,8	3,6
Bazis Pro-3 d 1-100	1,0	4,1
Bazis Pro-3 d 1-150	1,5	5,5
Bazis Pro-3 d 1-180	1,8	6,3
Bazis Pro-3 d 1-200	2,0	6,8
BazisPro r-25	0,2	1,3
BazisPro r-50	0,45	1,8
BazisPro r-60	0,55	2,1
BazisPro r-75	0,7	2,5
BazisPro r-100	0,95	3,1

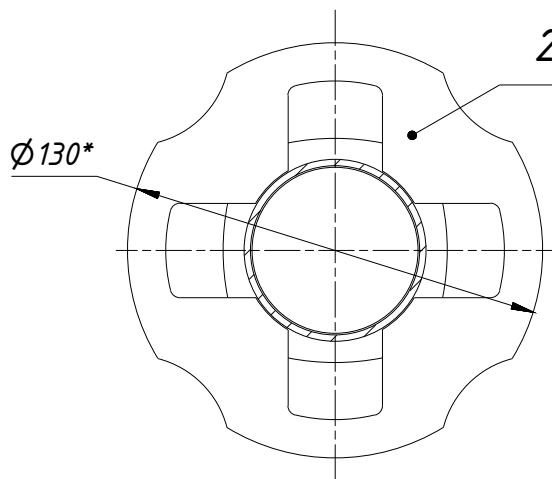
Name	Length (dimension), m	Weight, kg
BazisPro r-125	1,2	3,8
BazisPro r-150	1,45	4,4
BazisPro r-175	1,7	5,1
BazisPro r-200	1,95	5,7
BazisPro r-250	2,45	7,0
BazisPro r-300	2,95	8,4
Jack 0.6x0.35	0,6	2,9
Jack 0.85x0.6	0,85	3,75
Jack 1.1x0.85	1,1	4,6
Jack SI bottom 0.85x0.6m	0,85	3,75
Jack SI top 0.85x0.6m	0,85	5,25
Unifork	0,3	1,33
Ladder	0,54 x 2,0	28,35
Bazis Pro-3v gusset	0,4	1,12
Console	in assortment	—
Brace	in assortment	—
Twist clamp 48x60	—	1,38
Locking clamp 48x60	—	1,48
Communication diagonal	0,5-6,0	3,3-20,0

BAZIS PRO-3 S

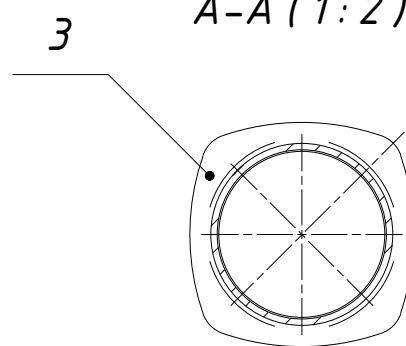
1. Pipe
2. Flange
3. End flange



$B-B (1:2)$

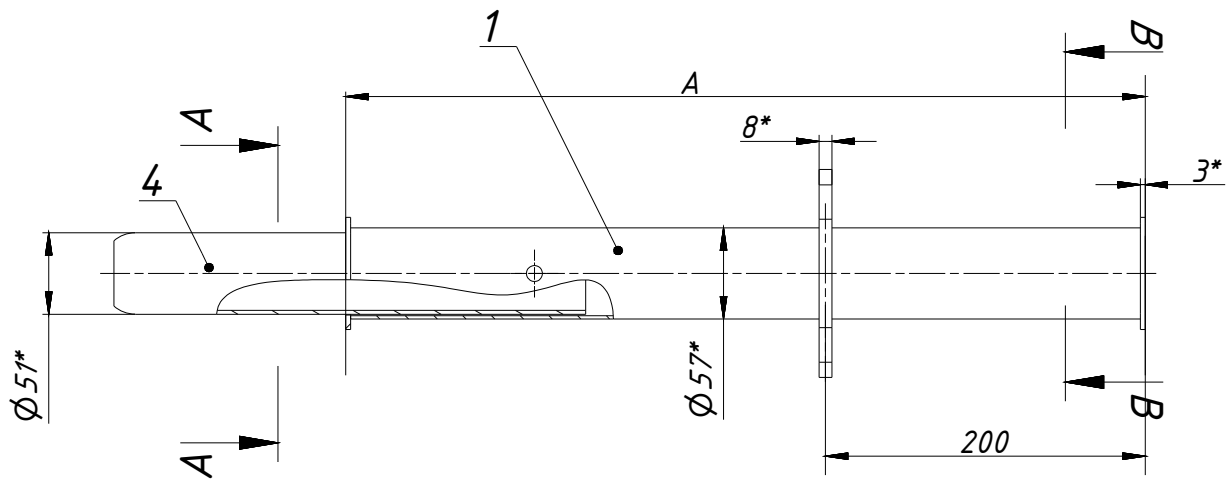


$A-A (1:2)$

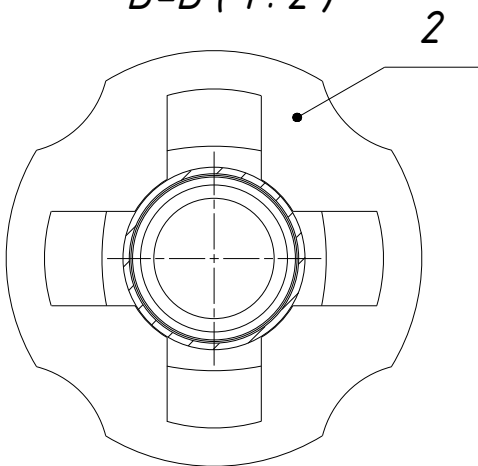


BAZIS PRO-3 D

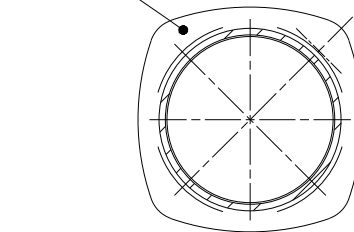
1. Pipe
2. Flange
3. End flange
4. Gusset



B-B (1:2)

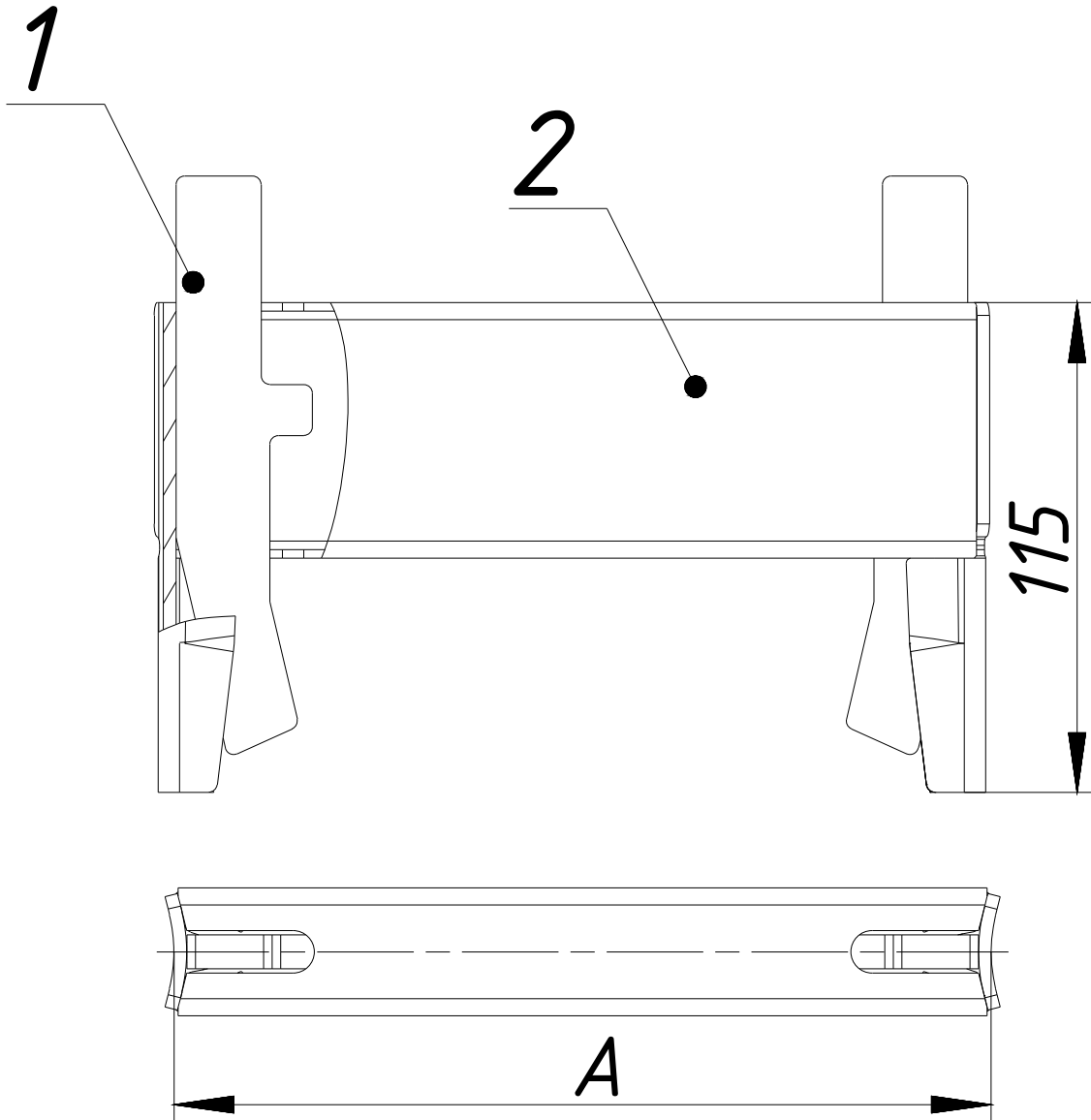


3 A-A (1:2)

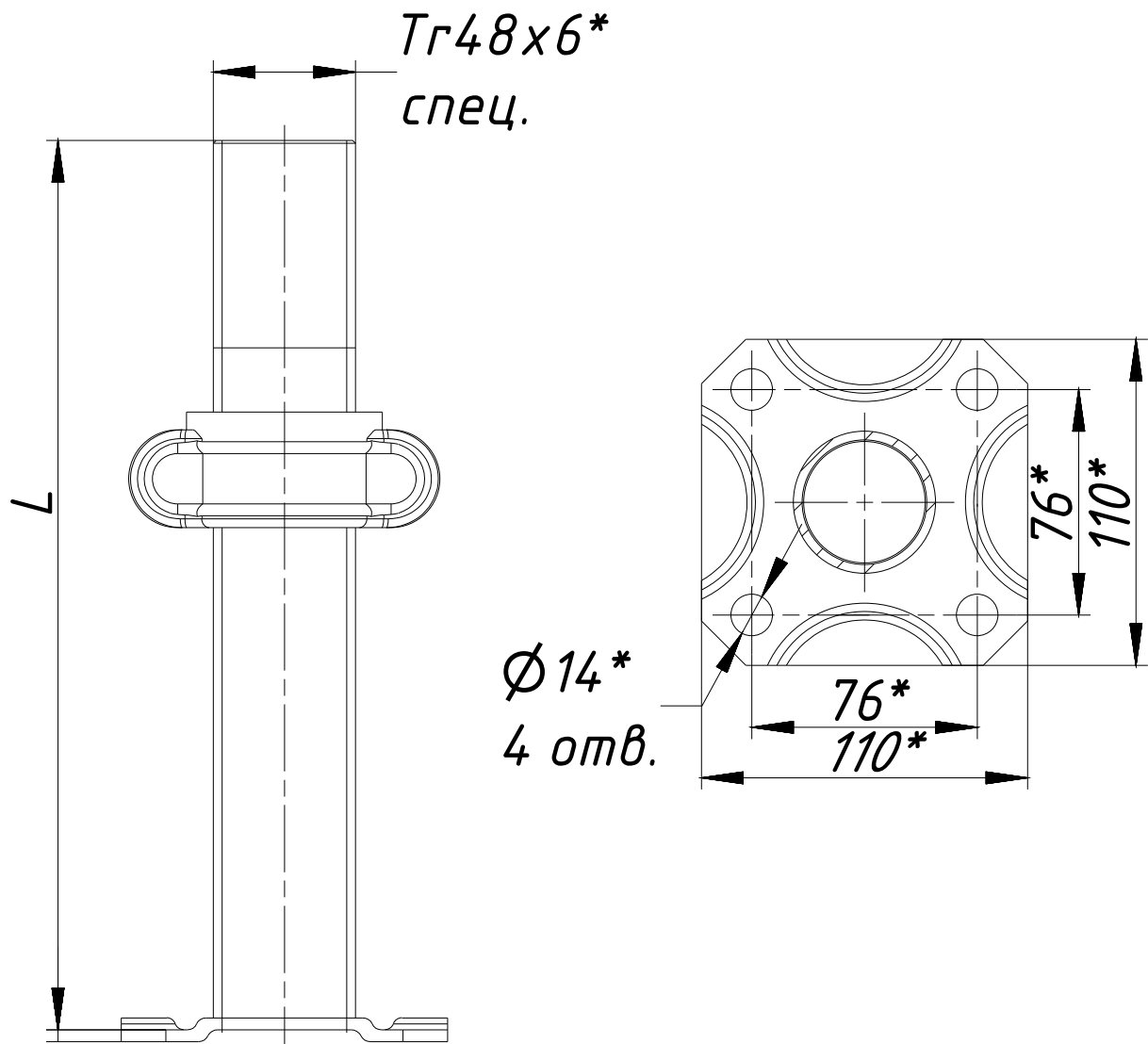


BAZISPRO R

- 1. Wedge hub
- 2. Pipe



JACK



SAFETY INSTRUCTIONS

- Ensure that the system is stable as long as the slab formwork plywood is not fully supported by walls or other rigid structures
- When working at height, comply with the requirements of **Order No. 782n of the Russian Ministry of Labor, 16.11.2020**
- It is mandatory to check the load-bearing capacity of the foundation or the slab below it before installing the racks
- It is required to provide additional protection against elements or parts of elements falling to the ground when dismantling formwork at open slab edges.
- No bystanders are allowed in the area where the formwork is being erected or dismantled
- No formwork may be struck out by knocking the racks out
- It is forbidden to weld or weld anything onto the parts
- It is forbidden to combine the system with non-standard or homemade devices

MANUFACTURER'S WARRANTY OBLIGATIONS

The manufacturer guarantees conformity of the products to the requirements of TU and this passport for the product if the customer follows the conditions of transportation, storage and operation.

Warranty service duration of the products: at least 12 months from the date of shipment to the customer, subject to compliance with installation and operation rules.

CERTIFICATE OF ACCEPTANCE

Products comply with TU 5225-002-63599854-201 and are considered suitable for operation.

QC inspector _____
Seal of QC

Issue date _____

Account number

(stamp spot)

Shipment date _____

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