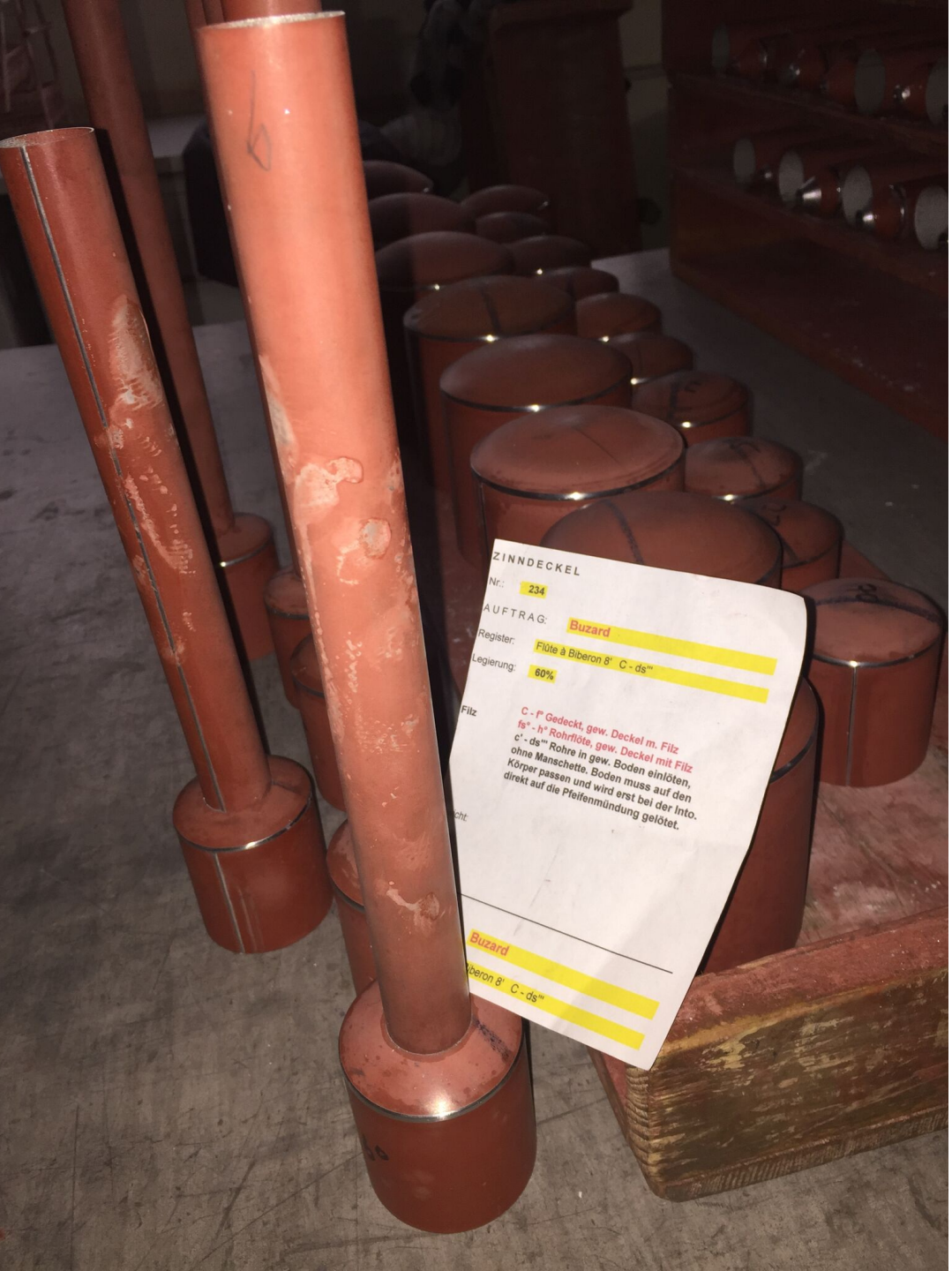
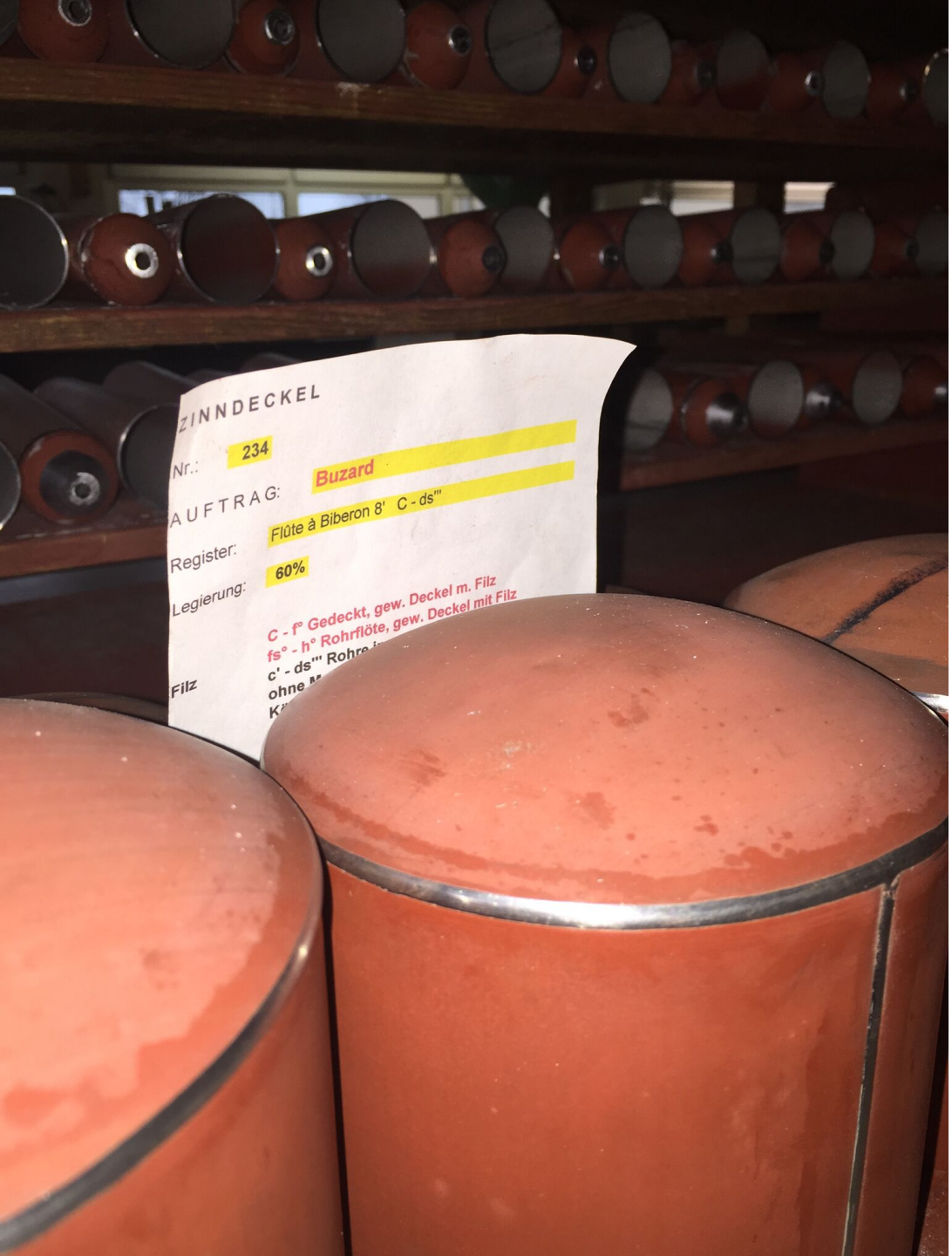
Pilgrim's New Organ

Here are more photos of our new organ's pipes being made in Germany.

Yes, these are our very own pipes!



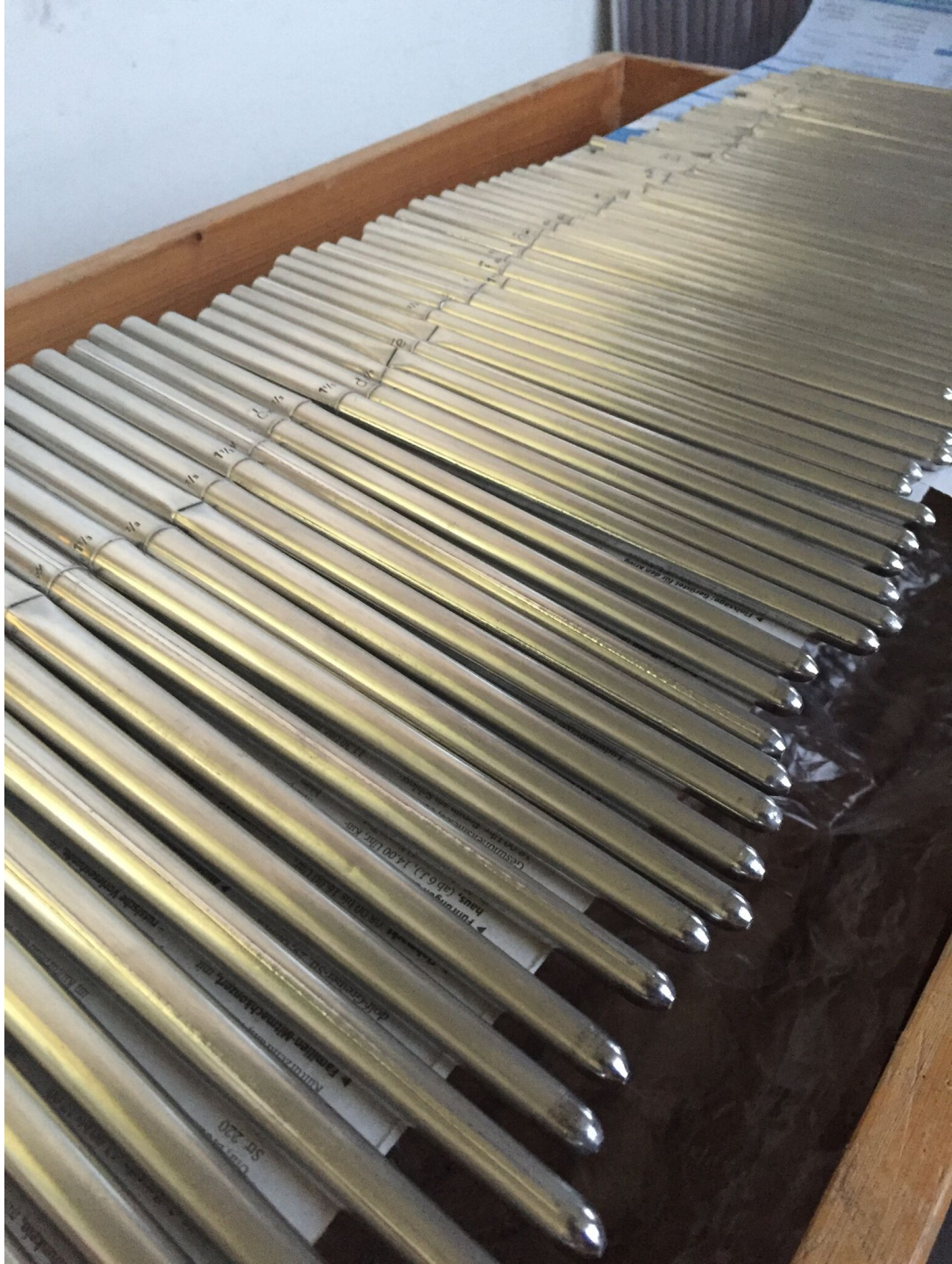
These pipes belong to the rank of pipes called the Flute à Biberon. The paperwork describes how to assemble and solder together the various parts of this pipe.



The Flute à Biberon will produce a colorful and lovely flute sound. It has a rounded cap unlike the flat caps of other "chimney" style pipes. *Biberon* is French for baby's bottle.

Pilgrim's new organ will have over 2,030 pipes. This number does not include the rank of English Horn pipes added after the 2,030 figure was calculated.

The rounded end of an organ pipe is called the “toe” and is the bottom end of the pipe. Each pipe’s toe was rounded and shaped by hand.



Pipes are hand soldered.


tesa

Aus nach den Gruppenspielen
Missbrauch

Hand casting the blocks for the reed pipes. A reed pipe is called such because at the bottom of the pipe there is a metal reed mechanism. As the air passes over the reed it creates the unique “reedy” sound of a reed pipe.

A freshly cast reed block. The reed pipes on Pilgrim's new organ have names like Festival Trumpet, Bassoon, Oboe, Trompette, Clarinet, and English Horn.

You can see the holes in this reed block where the parts of the reed mechanism and the pipe itself will fit.

Yum! Metal donuts are only for those with stomachs of steel.

Making the reed pipe shallots. They are the structures against which the metal reed vibrates. The workman's hand shows the scale of these shallots – about the size of their namesakes in the vegetable kingdom.

Finished shallots

Building an organ is a labor of love that blends science and art to create a balance of form and function. Think of a pipe organ as an example of Gesamtkunstwerk – a total, ideal work of art that makes use of many art forms, skills, and processes.