

**Test report for fall in pressure (dp/dt) for Cu cooling systems for
RE4/3 & RE4/2 fabricated and tested at BARC, Mumbai
31st October 2012**

The following table shows the fall in pressure (dp/dt) for the twenty Cu cooling systems fabricated and tested at BARC, Mumbai. These systems are in the process of being dispatched to CERN and Ghent respectively and we hope that they should reach their respective destinations by 10 Nov.

- SN 1 to 5 : RE4/2 type for CERN all have SS ferrules crimped
- SN 6 to 10 : RE4/3 type for CERN all have SS ferrules crimped except SN 6, which has brass ferrules crimped
- SN 11 to 20 : RE4/3 type for Ghent all have SS ferrules crimped except SN 17, which has brass ferrules crimped

SN	File Name (Picolog files)	Specs	dp/dt $\times 10^{-4}$ (bar/min)	Remarks
1	RE4/2-001-23102012-1410h.plw	SS ferrules	-4.300	CERN
2	RE4/2-002-24102012-1115h.plw	SS ferrules	-2.754	CERN
3	RE4/2-003-24102012-1330h.plw	SS ferrules	-0.336	CERN
4	RE4/2-004-25102012-0830h.plw	SS ferrules	-2.120	CERN
5	RE4/2-005-25102012-1200h.plw	SS ferrules	-2.095	CERN
6	RE4/3-001-06092012.plw	Brass ferrules	-2.845	CERN
7	RE4/3-005-18102012-1615h.plw	SS ferrules	-0.177	CERN
8	RE4/3-007-19102012-1435h.plw	SS ferrules	-1.475	CERN
9	RE4/3-008-20102012-0950h.plw	SS ferrules	-2.190	CERN
10	RE4/3-010-21102012-1000h.plw	SS ferrules	-0.456	CERN
11	RE4/3-009-20102012-1450h.plw	SS ferrules	-7.010	Ghent
12	RE4/3-011-21102012-1330h.plw	SS ferrules	-8.430	Ghent
13	RE4/3-012-22102012-1000h.plw	SS ferrules	-5.960	Ghent
14	RE4/3-013-22102012-1355h.plw	SS ferrules	-4.840	Ghent
15	RE4/3-015-26102012-1450h.plw	SS ferrules	-0.649	Ghent
16	RE4/3-003-27102012-1235h.plw	SS ferrules	-5.409	Ghent
17	RE4/3-004-17102012-1740h.plw	Brass ferrules	-10.900	Ghent
18	RE4/3-016-27102012-1515h.plw	SS ferrules	-10.800	Ghent
19	RE4/3-014-29102012-1015h.plw	SS ferrules	-12.300	Ghent
20	RE4/3-017-29102012-1300h.plw	SS ferrules	-4.300	Ghent

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