



ZAVOD ZA
GRADBENIŠTVO
SLOVENIJE

SLOVENIAN
NATIONAL BUILDING
AND CIVIL ENGINEERING
INSTITUTE

Maj 2014

Laboratorij za metrologijo

Dimičeva ulica 12
1000 Ljubljana
Slovenija

info@zag.si
www.zag.si

MEDLABORATORIJSKE PRIMERJAVE (ILC) *INTERLABORATORY COMPARISONS (ILC)*

| Šifra/ <i>Code</i> | Naziv ILC/ Naziv ILC/ <i>Title/subject of ILC</i> | Število udeleženc ev/ <i>Number of participants</i> | Datum začetka/ <i>Date of Start</i> | Datum zaključka / <i>Date of completion</i> | Udeleženci iz/ <i>Participants were from</i> |
|--------------------|--|--|--|--|---|
| | | | | | |
| 4/2014 | ILC in Vickers hardness measurement | | 2014 | 2015 | Slovenia Germany |
| 3/2014 | ILC in calibration of Vernier callipers 150mm and 450mm | | 2014 | 2014 | |
| 2/2014 | ILC in calibration of Torque transducers (Euramet cg-14) | 2 | 2013 | | Slovenia Serbia |
| 1/2014 | ILC in calibration and verification of Brinell (EN ISO 6506-2) hardness testers. | 2 | 2013 | Feb 2014 | Slovenia Serbia |
| 1/2013 | ILC in calibration of presses for testing of concrete in accordance with EN 12390-4 and DIN 51302-2. | 2 | 2013 | Feb. 2013 | Slovenia Croatia |
| 3/2012 | ILC in calibration of force measuring systems of compression testing machines (EN ISO 7500-1) | 3 | 2012 | Jan. 2013 | Slovenia Serbia Croatia |
| 2/2012 | ILC in calibration of torque wrenches (ISO 6789). | 2 | 2012 | Nov. 2012 | Slovenia |
| 1/2012 | ILC in calibration of presses for testing of concrete in accordance with EN 12390-4 and DIN 51302-2. | 2 | 2012 | Okt. 2012 | Slovenia |
| 2/2011 | ILC in calibration of torque wrenches (ISO 6789). | 3 | 2011 | Dec. 2011/Avg. 2012 | Slovenia Croatia Germany |

| | | | | | |
|--------|---|---|------|-----------|--------------------------------|
| 1/2011 | ILC in calibration of dynamic plates used in building industry. | | 2011 | | |
| 9/2010 | ILC in calibration of compression testing machines (EN ISO 7500-1) | 4 | 2010 | Okt. 2011 | Slovenia Croatia Bosnia |
| 8/2010 | ILC in calibration and verification of Brinell (EN ISO 6506-2), Vickers (EN ISO 6507-2) and Rockwell (EN ISO 6508-2) hardness testers. | 3 | 2010 | Okt. 2011 | Slovenia Croatia Bosnia |
| 7/2010 | ILC in calibration of presses for testing of concrete in accordance with EN 12390-4 and DIN 51302-2. | 5 | 2010 | Jun. 2011 | Slovenia Germany Croatia |
| 6/2010 | ILC in Brinell hardness measurement, AFNOR – project. | 6 | 2010 | 2010 | Slovenia Serbia |
| 5/2010 | Bilateral comparison in calibration of: <ul style="list-style-type: none">• Vernier calipers• Micrometers; in and out. | 2 | 2010 | 2010 | Slovenia Croatia |
| 4/2010 | Bilateral comparison in calibration of weights. | 2 | 2010 | 2010 | Slovenia Croatia |
| 3/2010 | Bilateral comparison in calibration of nonautomatic weighing scales | 2 | 2010 | 2010 | Slovenia Croatia |
| 2/2010 | Bilateral comparison in calibration of nonautomatic weighing scales | 2 | 2010 | 2010 | Slovenia Croatia |
| 1/2010 | Bilateral comparison in calibration of extensiometers in accordance with EN ISO 9513 | 2 | 2010 | 2010 | Slovenia Croatia |
| 1/2009 | ILC in calibration of length measuring instruments: <ul style="list-style-type: none">• Vernier caliper (DIN 862)• Micrometers• Dial gauges (DIN 878)• Height gauges• Feeler gauges (DIN 2275) | 4 | 2009 | 2010 | Slovenia Croatia |
| 4/2008 | Bilateral comparison in calibration of torque wrenches of 350 Nm and dynamometer of 50 kN. | 2 | 2008 | 2009 | Slovenia Macedonia |
| 3/2008 | Bilateral comparison in calibration of nonautomatic weighing scales | 2 | 2008 | 2008 | Slovenia Croatia |
| 2/2008 | Bilateral comparison in calibration of nonautomatic weighing scales | 2 | 2008 | 2008 | Slovenia Croatia |
| 1/2008 | Bilateral comparison in | 2 | 2008 | 2008 | Slovenia |

| | | | | | |
|--------|---|----|------|------|------------------------------|
| | calibration of nonautomatic weighing scales | | | | Croatia |
| 2/2007 | Bilateral comparison in calibration of nonautomatic weighing scales | 2 | 2007 | 2007 | Slovenia Croatia |
| 1/2007 | Bilateral comparison in calibration of nonautomatic weighing scales | 2 | 2007 | 2007 | Slovenia Croatia |
| 1/2005 | ILC in Rockwell hardness measurement (EN ISO 6508-1). | 11 | 2005 | 2006 | Slovenia |
| 2/2003 | ILC in Rockwell hardness measurement (EN ISO 6508-1). | 3 | 2003 | 2004 | Slovenia USA |
| 1/2003 | ILC in Brinell hardness measurement (EN ISO 6506-1). | 9 | 2003 | 2004 | Slovenia |
| 1/2001 | Interlaboratory comparison (ILC) in calibration of Brinell (EN ISO 6506), Vickers (EN ISO 6507) and Rockwell (EN ISO 6508) hardness blocks. | 5 | 2001 | 2002 | Slovenia Germany Italy |
| 2/2000 | Bilateral comparison in calibration of presses for testing of concrete in accordance with EN 10002-2. | 2 | 2000 | 2001 | Slovenia Austria |
| 1/2000 | Bilateral comparison in calibration of compression testing machines used in building industry in accordance with EN ISO 7500-1. | 2 | 2000 | 2001 | Slovenia Austria |
| 1/1998 | Bilateral comparison in calibration of compression testing machines in accordance with EN 10002-2 | 2 | 1998 | 1998 | Slovenia Austria |