

## VALIDATION REPORT GRADE Precision

According to SS-EN 50504 and SS-EN ISO 17662

|              |                |                  |               |
|--------------|----------------|------------------|---------------|
| Customer     | Tafaseel       | Date             | 2010-02-16    |
| Manufacturer | KEMPPPI        | Certificate No   | 02161502      |
| Mashine type | MIG            | Nom. Maxcurrent  | 500           |
| Name         | FastMIG KM5000 | Load             | Resistor      |
| Serial No    | 123456789+     | Calibrating eng. | Lars Lindblom |
| Wire Feeder  | MF33           | Safety check     | Säker         |
| Ambient temp | 21 °C          | Idle Voltage     | 76,95 V       |
| Ruta 1       | ruta 2         | Line voltage     | 214 Volt      |
| ruta 3       | ruta 4         |                  |               |

Här finns det plats för en lång kommentar

### AMPERE

| No | Indicat | Actual | Diff | Accept | P/F  | Indicat | Actual | Diff | Accept | P/F  |
|----|---------|--------|------|--------|------|---------|--------|------|--------|------|
| 0  | 72      | 70,1   | -1,9 | 6,0    | PASS | 19,5    | 19,45  | 0,0  | 1,7    | PASS |
| 1  | 143     | 141,1  | -1,9 | 6,0    | PASS | 21,9    | 21,70  | -0,2 | 1,7    | PASS |
| 2  | 216     | 215,4  | -0,6 | 6,4    | PASS | 25,0    | 24,55  | -0,4 | 1,7    | PASS |
| 3  | 287     | 285,6  | -1,4 | 8,1    | PASS | 28,3    | 28,08  | -0,2 | 1,7    | PASS |
| 4  | 356     | 354,9  | -1,1 | 9,9    | PASS | 33,5    | 33,25  | -0,2 | 1,8    | PASS |
| 5  | 426     | 424,3  | -1,7 | 11,6   | PASS | 35,5    | 35,20  | -0,3 | 1,9    | PASS |
| 6  | 502     | 500,0  | -2,0 | 13,5   | PASS | 39,9    | 39,50  | -0,4 | 2,1    | PASS |

### VOLT

### M/minut

| No | Indicat | Actual | Diff | Accept | P/F  |
|----|---------|--------|------|--------|------|
| 0  | 4,1     | 3,92   | -0,1 | 0,4    | PASS |
| 1  | 5,7     | 5,62   | 0,0  | 0,4    | PASS |
| 2  | 10,1    | 10,13  | 0,1  | 0,4    | PASS |
| 3  | 14,2    | 13,96  | -0,2 | 0,4    | PASS |
| 4  | 17,8    | 17,65  | -0,1 | 0,5    | PASS |
| 5  | 19,3    | 19,11  | -0,1 | 0,6    | PASS |

### Result passed

Reference instrument LW-11F-34 calibrated 2009-07-22 software ValVin904\950,  
Diff% A given as a fraction of nominal maxcurrent. Diff% V of 80V.  
printed 2013-02-22.

fileC:\svets\VAL2010\02161502.wal

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Lars Lindblom