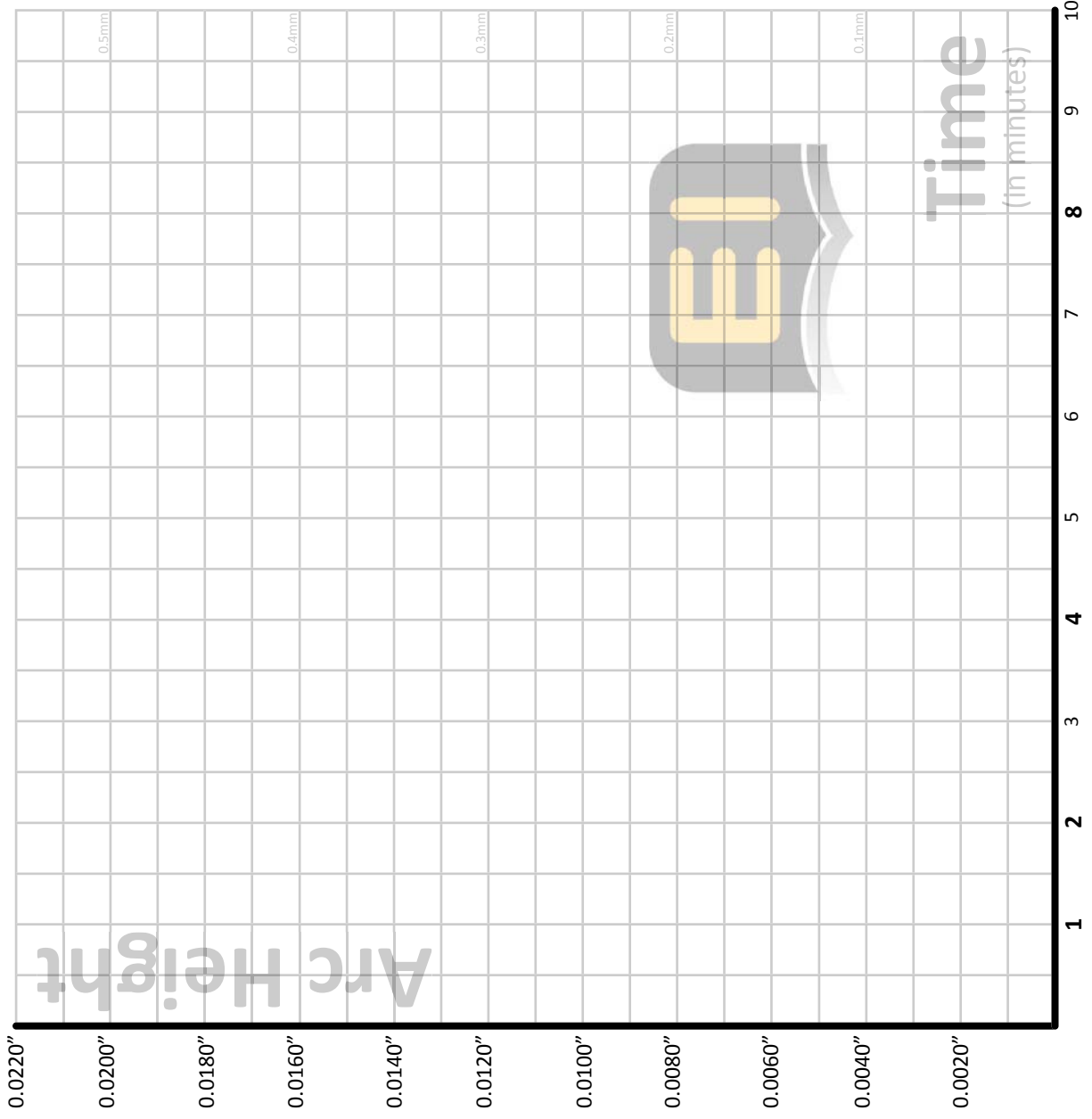


Roto-Flap Peening Saturation Curve Graph

Name _____ Date _____



| Saturation Curve Data | |
|----------------------------------|-------|
| Magnetic Holder Arc Height | _____ |
| Adjusted Arc Height (AMS or x77) | _____ |
| Time | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

To Calculate Percent Change

$$\frac{h_2 - h_1}{h_1} \times 100 = \%$$

Estimated Intensity Value

Free saturation curve solver program available at www.shotpeener.com



| Mag | AMS | x77 |
|--------|--------|--------|
| 0.0050 | 0.0050 | 0.0039 |
| 0.0055 | 0.0053 | 0.0042 |
| 0.0060 | 0.0056 | 0.0046 |
| 0.0065 | 0.0059 | 0.0050 |
| 0.0070 | 0.0062 | 0.0054 |
| 0.0075 | 0.0065 | 0.0058 |
| 0.0080 | 0.0068 | 0.0062 |
| 0.0085 | 0.0071 | 0.0065 |
| 0.0090 | 0.0074 | 0.0069 |
| 0.0095 | 0.0077 | 0.0073 |
| 0.0100 | 0.0080 | 0.0077 |
| 0.0105 | 0.0083 | 0.0081 |
| 0.0110 | 0.0086 | 0.0085 |
| 0.0115 | 0.0089 | 0.0089 |
| 0.0120 | 0.0092 | 0.0092 |
| 0.0125 | 0.0095 | 0.0096 |
| 0.0130 | 0.0098 | 0.0100 |
| 0.0135 | 0.0101 | 0.0104 |
| 0.0140 | 0.0104 | 0.0108 |
| 0.0145 | 0.0107 | 0.0112 |
| 0.0150 | 0.0110 | 0.0116 |
| 0.0155 | 0.0113 | 0.0119 |
| 0.0160 | 0.0116 | 0.0123 |
| 0.0165 | 0.0119 | 0.0127 |
| 0.0170 | 0.0122 | 0.0131 |
| 0.0175 | 0.0125 | 0.0135 |
| 0.0180 | 0.0128 | 0.0139 |
| 0.0185 | 0.0131 | 0.0142 |
| 0.0190 | 0.0134 | 0.0146 |
| 0.0195 | 0.0137 | 0.0150 |
| 0.0200 | 0.0140 | 0.0154 |
| 0.0205 | 0.0143 | 0.0158 |
| 0.0210 | 0.0146 | 0.0162 |
| 0.0215 | 0.0149 | 0.0166 |
| 0.0220 | 0.0152 | 0.0169 |
| 0.0225 | 0.0155 | 0.0173 |
| 0.0230 | 0.0158 | 0.0177 |
| 0.0235 | 0.0161 | 0.0181 |
| 0.0240 | 0.0164 | 0.0185 |
| 0.0245 | 0.0167 | 0.0189 |
| 0.0250 | 0.0170 | 0.0193 |
| 0.0255 | 0.0173 | 0.0196 |
| 0.0260 | 0.0176 | 0.0200 |
| 0.0265 | 0.0179 | 0.0204 |
| 0.0270 | 0.0182 | 0.0208 |
| 0.0275 | 0.0185 | 0.0212 |
| 0.0280 | 0.0188 | 0.0216 |
| 0.0285 | 0.0191 | 0.0219 |
| 0.0290 | 0.0194 | 0.0223 |
| 0.0295 | 0.0197 | 0.0227 |
| 0.0300 | 0.0200 | 0.0231 |