Correction to: Experimental investigation for fine finishing of the tapered mould cavity using a newly developed GWMRF process

Ankit Aggarwal¹ · Anant Kumar Singh¹

Accepted: 22 September 2021 / Published online: 21 October 2021
© The Brazilian Society of Mechanical Sciences and Engineering 2021

Correction to:
Journal of the Brazilian Society of Mechanical Sciences and Engineering (2021) 43:444
<https://doi.org/10.1007/s40430-021-03159-2>

In the original publication of the article, the Figs. 7, 8, 9 and their captions were wrong. Also the Eq. (7) was also incorrectly published.

The corrected versions are given below.

$$\text{Finishing rate} = \frac{(Ra_i - Ra_{i,f})}{\text{Total time taken for finishing}} \quad (7)$$

The original article has also been corrected.

The original article can be found online at <https://doi.org/10.1007/s40430-021-03159-2>.

✉ Anant Kumar Singh
anantsingh@thapar.edu

¹ Department of Mechanical Engineering, Thapar Institute of Engineering and Technology, Patiala 147004, India

Fig. 7 Effect of rotation of the CBH type mould cavity (W_l) on $\% \Delta Ra_l$ at varying (a) reciprocation speed of the GWMRF tool (R_l), (b) current (I_l), and (c) working gap (G_l) during finishing the longitudinal surface of the EN-31 cylindrical blind hole (CBH) type mould cavity using the present GWMRF process

Fig. 8 Effect of GWMRF tool rotation (T_f) on percentage reduction in surface roughness ($\% \Delta Ra_f$) at (a) varying rotation of the cylindrical blind hole (CBH) mould cavity (W_f), (b) reciprocation speed of the GWMRF tool (R_f), (c) varying current (I_f) during finishing over the flat end surface of the EN-31 CBH type mould cavity using the present GWMRF process

Fig. 9 (a) Effect of GWMRF tool rotation (T_f) on percentage reduction in surface roughness ($\% \Delta Ra_f$) by varying the working gap (G_f), (b) effect of rotation of the CBH type mould cavity (W_f) on $\% \Delta Ra_f$ by varying reciprocation speed of the GWMRF tool (R_f), (c) effect of R_f on $\% \Delta Ra_f$ by varying G_f and (d) effect of current (I_f) on $\% \Delta Ra_f$ by varying G_f during finishing over the flat end surface of the EN-31 CBH type mould cavity using the present GWMRF process.