**THE MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE**

**O.M. BEKETOV NATIONAL UNIVERSITY OF URBAN ECONOMY IN KHARKIV**

# Recommended Guidelines for project No.1

**“Beam ceiling and columns of working platform”**

**on the subject**

**'** **Metal Structures'**

**Section 1.**

**Calculation and design of beam ceiling elements**

*(for extramural and full-time students of the 3th and the 4th courses and educational and consulting centers in the field of 192 –„Construction” Specialty „Industrial and Civil Building”)*

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