

# THERMAL BEHAVIOR OF VALVE RINGS DURING OPERATION IN COMPRESSORS

M.H. ȚIEREAN<sup>1</sup>      L.S. BALTEȘ<sup>1</sup>

***Abstract:** This paper presents a method of calculating the centerline diameter on the valve rings and seats to compensate the thermal expansion during operation in compressors. The finite element analysis has been used to solve the problems*

***Key words:** compressor, valve, FEA.*