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## Effect of heat treatment process on the hardness and microstructure of medium carbon steels

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### Abstract

The effect of heat treatment process on the hardness and microstructure of medium carbon steels. The work carried out by these authors is very similar to the work carried out by the authors referred under excepting that, they have mainly considered the hardness and the heat treatment was soaking with 10,15,20 minutes at temperatures 800,825 and 850<sup>0</sup>c. For these the specimens were quenched in three different media namely cold water, hot water and vegetable oils.