

Duct Design of central conditioning system of Convocation Hall in NYRDDC (Sagaing)

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Abstract

This research is to calculate duct design for air conditioning of NYRDDC Convocation Hall. Firstly, we need to calculate cooling load of convocation hall. The cooling load of convocation hall can be calculated by non residential cooling load. The cooling load is calculated for nearly 1300 persons. We have got 230 KVA of cooling load. Then, this duct design is calculated by Equal friction method. And, Our convocation hall have designed by centralized air conditioning system. The main objective of our research is for human comfort.