

ABSTRACT

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Project D Building for Drug and Food Supervisory Agency

“Method of Implementation and Perth Construction Hire (PCH) Requirements and Calculation”

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Project D Building for Drug and Food Supervisory Agency was implemented to increase the capacity of the previous building whose capacity was not as large as the building to be built now, so this construction was carried out to replace the previous building that was destroyed and built a new building that was more adequate. Because the building is divided into 3 zones and it is possible to use two types of scaffolding, namely conventional scaffolding and Perth Construction Hire (PCH), which will be elaborated on the method of implementation and the results of the calculation of PCH requirements are 350 Speedshore Standards, 488 Ledger, 175 Jack Base, U-Head as many as 175 pieces, Girder as many as 175 pieces, and Suris as many as 175 pieces for zone 3. PCH must be calculated carefully so that no error occurs when calculating when renting or purchasing PCH according to the needs and efficiency of PCH Installation.

Keywords: Scaffolding, Perth Construction Hire