

## Deviations and Defects of the Sub-Task's Requirements in Construction Projects

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**Abstract :** The sub-task pattern in terms of the deviations and defects should be identified and understand in order to improve the quality practices in construction projects. Therefore, the sub-task susceptibility to exposure to deviations and defects have been evaluated and classified via six classifications that have proposed in this study. 34 case studies on specific sub-task (from compression member in construction concrete structure) have been collected from seven construction projects in order to examined study's classifications. The study revealed that the sub-task has high sensitive to deviation where (91%) of the cases recorded as deviations, however, only (19%) of cases recorded as defects. Another findings were that the actual work during the execution process has high source of deviation for this sub-task (74%) while only (26%) of the deviation source was due to both design documentations with the actual work. These findings significantly imply that it could be used the study's classifications to determine the pattern of each sub-task and develop the proactive actions to overcome issues of the sub-task deviations and defects.

**Keywords :** sub-tasks, deviations, defects, quality, construction projects

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