Economic Order and Production Quantity Models are among the most widely used techniques in deterministic inventory control models. As a result of many unrealistic assumptions embedded in these models, some real life situations are not considered. One of the main unrealistic assumption of Economic Order and Production Quantity Models is payments are made as soon as the items received. By relaxing this assumption, many new models were developed. In this study, the economic order quantity model under permissible delay in payment is analyzed.