

Assignment 6.1: Engineering Ethics

A. If Omar accepts the client's decision and continues to perform his services as an employee of the contractor:

If Omar decides to accept the client's decision and continue working, his main obligation is to still perform his job with honesty and professionalism. Even if his recommendation about the steel mesh was rejected, he should make sure that everything he does after that still meets safety standards and follows the engineering code of ethics. However, since he already knows about the possible health risk of EMF exposure, he also has a moral duty to at least document his recommendation properly or report it to the right authority. That way, he shows that he did his part in warning about the issue, even if the client didn't listen.

B. If Omar continues to have concerns regarding this matter and decline further work on the project:

If Omar still feels uneasy about the situation and chooses to withdraw from the project, that decision shows strong ethical character. As an engineer, he is responsible for protecting public welfare above profit or convenience. Declining further work means he's prioritizing safety and professional integrity over his job security. This is important because if he continues in a project that he believes might harm others, he could also be held accountable later. By stepping away, Omar avoids being part of something that goes against engineering ethics, and it shows that he values doing what's right even when it's hard.