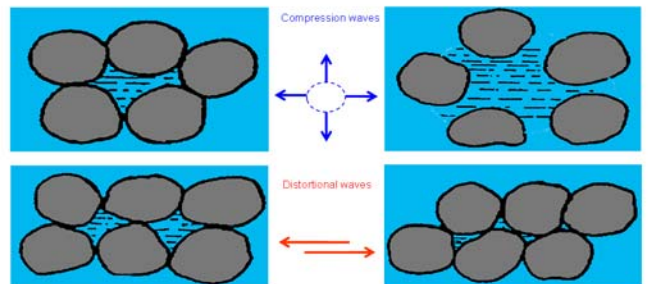
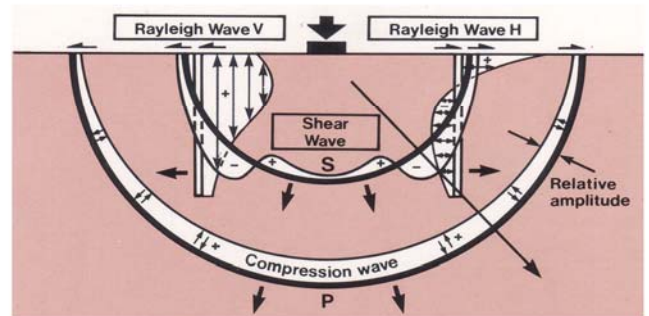
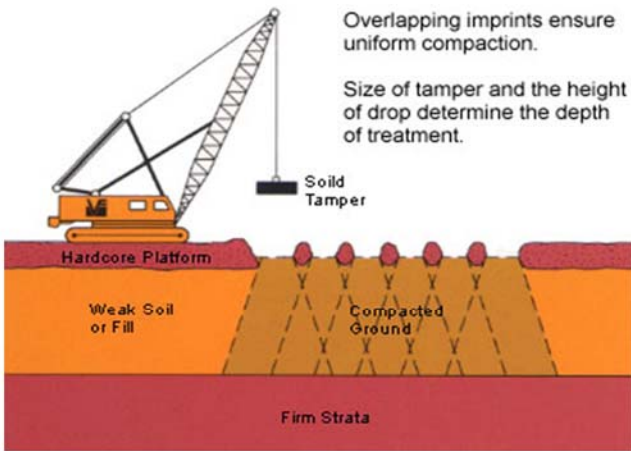


DESIGN GUIDELINE OF DYNAMIC COMPACTION (DC) FOR PRACTICING ENGINEERS



**DESIGN GUIDELINE OF
DYNAMIC COMPACTION (DC)
FOR PRACTICING ENGINEERS**

1. Introduction	DC-2
• Indonesia lies right at ring of fire	
• High liquefaction potential	
• Prone to lateral spreading	
• DC and Vibro-compaction to mitigate liquefaction potential	
2. Dynamic Compaction	DC-5
• What is compaction?	
• What is dynamic compaction (DC)?	
• DC equipment	
• DC videos	
• DC suitability	
• DC mechanism	
3. Dynamic Compaction Design	DC-12
4. Environmental Issue	DC-24
5. Case Histories.....	DC-26
• On sandy soils	
• On coraline soils	
6. Discussion and Conclusion.....	DC-36
7. Variants of DC	DC-40
• Dynamic compaction to form stone pillars	
• Rapid impulse compaction	
8. References	DC-49