

# Usulan perbaikan untuk meningkatkan yield produk effervescent dengan metode lean dmaic: studi kasus di suatu perusahaan farmasi = Improving effervescent product yield through lean dmaic method: a pharmaceutical company case

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## Abstrak

[Penelitian ini dilakukan pada perusahaan farmasi di Indonesia. Masalah yang dialami oleh perusahaan tersebut adalah rendahnya yield pada lini produksi effervescent selama tahun 2014. Penyelesaian masalah ini dilakukan dengan menggunakan metode Lean-DMAIC. Berdasarkan analisis yang dilakukan, dihasilkan beberapa perbaikan yang diimplementasikan pada mesin, operator, dan material. Hasil penerapan usulan perbaikan tersebut memberikan dampak yang positif bagi perusahaan, antara lain meningkatnya yield sebesar 3,59%, menurunnya waste cost komponen material sebesar 26,79%, dan menurunnya downtime mesin sebesar 74,30%.

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