

Review of: "Effective use of Waste Materials: A Case Study of Utilization of Fly Ash in Flexible Pavement Structures"

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Potential competing interests: No potential competing interests to declare.

The article is innovative way of utilizing industrial waste by product fly ash in flexible pavements.

How the author particularly fix that addition of 10% of flyash improves the properties of flexible pavements without trying different percentage of flyash into the asphalt concrete? Since pozzolanic additives like flyash could be added up to 30%

The consistency of the asphalt concrete must be discussed since 10% of flyash was mixed into the asphalt?

Asphalt concrete must be checked for its viscosity and penetration using Indian Standards IS 1201 to 1220 (1978)

Author could add some more literatures in utilization of different percentages of fly ash and other industrial waste byproducts such as activated slag, sisal fibers and synthetic fibers in flexible pavement structures in recent years, which could be a great factors in developing strength and bonding of flexible pavements. Since recent years many researches recommended that activated slag and sisal fibers improves the flexural behavior strength of concrete. Why it could not be tested with asphaltic bitumen?

But the way of writing was good with an innovative approach.