

TO DR. S.J. GREEN,  
RESEARCH & DEVELOPMENT,  
MILLBANK.

FROM DR. R.E. THORNTON.

REF RET/JP/46D-6.

DATE 12th July, 1974. ✓

*Mr. Maclean  
Dr. Green  
Mr. Short*

*Confidential*

*23/7.*

**REPORT NO. RD-1126-R**

*RD 1126-11*

This report describes work which is part of our programme involving smoking behaviour, smoking motivation and the effects of smoking. We have used the Gibson Spiral Maze as a measure of the psychomotor performance of 348 subjects, and a comparison of the results for the smoking and non-smoking groups shows that smokers have a lower psychomotor efficiency. *They performed significantly worse than non-smokers.*

Although it would be possible to investigate the effect of smoking on psychomotor efficiency, future work will depend on the progress made in related studies involving alternative methods of studying the effects of smoking (notably studies involving electroencephalography).

It is suggested that this report should be given a limited circulation in Millbank, and that Imperial Tobacco should not be sent copies.

*Suggested Circulation*

*Mr P Maclean*

*Dr. S. J Green*

*Mr A Short.*

*R.E. Thornton*

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