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STATUTORY INSTRUMENTS

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**2016 No. 588**

**HEALTH AND SAFETY**

**The Control of Electromagnetic  
Fields at Work Regulations 2016**

*Made* - - - - *17th May 2016*  
*Laid before Parliament* *23rd May 2016*  
*Coming into force* *1st July 2016*

**THE CONTROL OF ELECTROMAGNETIC  
FIELDS AT WORK REGULATIONS 2016**

PART 1

INTRODUCTION

1. Citation and commencement
2. Interpretation
3. Application

PART 2

EXPOSURE AND RISK

4. Limitation on exposure to electromagnetic fields
5. Exposure assessment
6. Application of regulations 7 to 9
7. Action plan
8. Risk assessment
9. Obligation to eliminate or reduce risks

PART 3

MISCELLANEOUS

10. Information and training
11. Health surveillance and medical examinations
12. Records
13. Exemptions
14. Application outside Great Britain

*Status: This is the original version (as it was originally made). This item of legislation is currently only available in its original format.*

15. Review  
Signature

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SCHEDULE —

PART 1 — Introduction to Parts 2 and 3

1. In this Schedule— “contact current (IC)” is the current created...
2. The ALs and ELVs are set out in tables and...
3. The Low ALs in Table AL1 in Part 2, and...
4. The remaining ALs in Part 2 are defined physical quantities...
5. Except where otherwise indicated— (a) “f” is the frequency expressed...
6. The applicable safety measures referred to in regulation 4(2) are...

PART 2 — Direct biophysical effects of exposure

Action levels – non-thermal effects

1. Notes
2. The ALs in Tables AL1 and AL2 are root mean...
3. The ALs represent the maximum field values at any place...
1. Notes
2. Notes 2 and 3 to Table AL1 apply.

Action levels – thermal effects

1. Notes
  2. For radiofrequency pulses, the peak power density averaged over the...
  3. Note 3 to Table AL1 applies in relation to the...
  4. The power density is the maximum level averaged over any...
  5. From 6 to 10 GHz, power density must be averaged...
- Note

Exposure limit values – non-thermal effects

Note

1. Notes
2. The ELVs are spatial peak values in the entire body...
3. Note 2 to Table AL1 applies in relation to methods...
1. Notes
2. The ELVs may be exceeded during an employee’s shift where...
3. Note 2 to Table AL1 applies in relation to methods...

Exposure limit values – thermal effects

1. Notes
2. Localised SAR in the body and limbs can be assessed...
1. Notes
2. The ELV may be exceeded during an employee’s shift where...
1. Notes

2. From 6 to 10 GHz, power density must be averaged...  
PART 3 — Indirect effects of exposure

#### Action levels – non-thermal effects

1. Notes
2. The ALs are root mean square values.
3. The ALs represent the maximum steady state current created during...  
Note

#### Action levels – thermal effects

1. Notes
2. The AL represents the maximum steady state current created during...

Explanatory Note