
STATUTORY RULES OF NORTHERN IRELAND

2016 No. 266

HEALTH AND SAFETY

**The Control of Electromagnetic Fields at
Work Regulations (Northern Ireland) 2016**

Made - - - - 4th July 2016

Coming into operation 1st August 2016

**THE CONTROL OF ELECTROMAGNETIC FIELDS AT
WORK REGULATIONS (NORTHERN IRELAND) 2016**

PART 1

1. Citation and commencement
2. Interpretation
3. Application

PART 2

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

10. Information and training
 11. Health surveillance and medical examinations
 12. Records
 13. Exemptions
 14. Application within the territorial sea or a designated area
- Signature

Status: This is the original version (as it was originally made).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

SCHEDULE 1 TABLES OF ACTION LEVELS AND EXPOSURE LIMIT VALUES

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 of 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 shall 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 shall 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...
- SCHEDULE PREMISES AND ACTIVITIES WITHIN THE TERRITORIAL SEA OR A DESIGNATED AREA
1. Interpretation
 2. Offshore installations
 3. Wells
 4. Pipelines
 5. Mines
 6. Gas Importation and Storage
 7. Production of Energy from Water or Wind
 8. Underground Coal Gasification
 9. Other activities
- Explanatory Note