# See the source image**Job title: Signalling Technician**

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| **Job title: Signalling Technician** | Signalling technicians maintain and repair rail telecommunications equipment and signalling systems. |
| **Entry requirements:** | **Apprenticeships:**  You could get into this job through a rail engineering technician advanced apprenticeship or an advanced apprenticeship in rail infrastructure engineering: signalling.  You could also do a higher apprenticeship for high speed rail and infrastructure technicians.  Apprenticeships are offered by rail engineering companies, Transport for London and Network Rail.  You'll usually need:   * 5 GCSEs at grades 9 to 4 (A\* to C), including English and maths, for an advanced apprenticeship * 4 or 5 GCSEs at grades 9 to 4 (A\* to C) and A levels, or equivalent, for a higher or degree apprenticeship   **Direct Application:**  You may be able to apply directly to rail engineering companies if you've got experience and qualifications in electricalor electronic engineering fromanother industry, or from the armed forces. |
| **Skills required:** | You'll need:   * to be thorough and pay attention to detail * knowledge of transport methods, costs and benefits * patience and the ability to remain calm in stressful situations * the ability to accept criticism and work well under pressure * the ability to work well with others * to be flexible and open to change * physical skills like movement, coordination, dexterity and grace * knowledge of public safety and security * to be able to carry out basic tasks on a computer or hand-held device |
| **What you'll do:** | Your day-to-day tasks may include:   * installing new signalling systems * carrying out routine maintenance checks * measuring and recording equipment test readings * upgrading radio and electronic communications networks * finding and fixing equipment faults on-site * repairing more complex faults back in the workshop |
| **What you’ll earn:** | £14,000 Starter *to* £40,000 Experienced |
| **Working hours, patterns and environment:** | * 41-43 hours per week * Evenings / weekends / bank holidays away from home * You could work on rail tracks, in a control room or in a workshop. * Your working environment may be outdoors some of the time, you'll travel often and noisy. * You may need to wear protective clothing. |
| **Career path and progression:** | With experience, you could move from junior to senior technician jobs and take on team leading responsibilities.   With more qualifications and experience you could become a signalling designer or incident investigator. |