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## CV Microtunneling Operator ITS GmbH

**Name:** Colin Smith

**Address:** Raerenerstrasse 12c D-52076 Aachen

**Date of birth:** 15.01.1957

**Nationality:** British

**Marital status:** Married

**Dependants:**

**Recruitment as:** TBM Operator

**Work experiens** 1981-2007  
26 yrs



| From | Until | Company / Country / Place           |                            | Soil / Ground                 | Machine                                    |
|------|-------|-------------------------------------|----------------------------|-------------------------------|--------------------------------------------|
| 1981 |       |                                     |                            |                               |                                            |
| 1981 | 1987  | Spezial Tifbau- Malmédier           | Germany                    | Sand/gravel/clay              |                                            |
| 1987 | 1990  | Lauscher                            | Germany                    | Sand/gravel/clay              | DN 800 -2000                               |
| 1990 |       |                                     |                            |                               |                                            |
| 1990 | 1991  | Blandfort                           | Germany                    | Sand/gravel/clay              | DN 1000 -2080                              |
| 1991 | 1996  | Wiemer-Trachte                      | Germany                    | Sand/gravel/clay<br>Druckluft | DN 1600 -2800                              |
| 1997 | 1999  | Florak<br>Herrenknecht Machine      | Germany<br>Mönchengladbach | gravel/clay                   | TBM AVN DN1000<br>1000meter a 200meter     |
|      |       | Florak<br>Herrenknecht Machine      | Germany<br>Dortmund        | glay/ rock<br>50 mph          | TBM AVN DN1000<br>350meter                 |
| 2000 | 2004  | Acht<br>Herrenknecht Machine        | Germany<br>Köln            | gravel/clay                   | AVN DN400<br>800meter a 60m till 80m       |
|      |       | Acht<br>Herrenknecht Machine        | Germany<br>Köln            | gravel/clay                   | AVN DN 1400<br>900meter a 100m till 200m   |
|      |       | Acht<br>Herrenknecht Machine        | Germany<br>Olpe            | rock<br>40 -60 mph            | AVN DN 1600<br>500meter a 250meter         |
|      |       | Acht<br>Herrenknecht Machine        | Germany<br>Frankfurt       | clay                          | AVN DN 600<br>600 meter a 60 till 100meter |
|      |       | Acht<br>Herrenknecht Machine        | Germany<br>München         | gravel                        | AVN DN 600<br>100meter                     |
|      |       | Acht<br>Herrenknecht Machine        | Germany<br>München         | gravel<br>big                 | AVN DN 800<br>160meter 2x 80meter          |
|      |       | Acht<br>Herrenknecht Machine        | Germany<br>Nügnberg        | gravel                        | AVN DN 600<br>50meter 2X                   |
|      |       | Acht<br>Herrenknecht Machine        | Germany<br>Wuppertal       | gravel/clay                   | AVN DN 500<br>500meter a 90-100meter       |
|      |       | Acht<br>Herrenknecht Machine        | Germany<br>Pöttingen       | clay-rock                     | AVN DN 1400<br>320meter                    |
|      |       | Acht<br>Herrenknecht Machine        | Frankreich<br>Marseille    | rock-clay                     | AVN DN 1000<br>230meter a 115m             |
|      |       | Acht<br>Herrenknecht Machine        | Germany<br>Trier           | Sand Water                    | AVN DN 1000<br>175 meter                   |
| 2004 | 2007  | SMCE Forage<br>Herrenknecht Machine | Frankreich<br>Metz         | Backfill                      | AVN DN 1400<br>325meter                    |
|      |       | SMCE Forage<br>Herrenknecht Machine | Frankreich<br>Set          | gravel/clay                   | AVN DN 600<br>120meter                     |
|      |       | SMCE Forage<br>Herrenknecht Machine | Frankreich<br>Nizza        | rock-clay                     | AVN DN 1000<br>320meter 2x 160meter        |
|      |       | SMCE Forage<br>Herrenknecht Machine | Frankreich<br>Marseille    | clay                          | AVN DN 800<br>80meter                      |
|      |       | SMCE Forage                         | Frankreich                 | gravel/clay                   | AVN DN 1000                                |

|      |  |                                                |                            |                         |                                |
|------|--|------------------------------------------------|----------------------------|-------------------------|--------------------------------|
|      |  | Herrenknecht Machine                           | Paris                      |                         | 70meter                        |
|      |  | SMCE Forage<br>Herrenknecht Machine            | Frankreich<br>Portiere     | clay/ gravel            | AVN DN 1200<br>120meter        |
|      |  | K-Boringen<br>Herrenknecht Machine             | Belgien<br>Brüssel         | clay                    | AVN DN 1000<br>450meter a 120m |
| 2007 |  | K-Boringen<br>Herrenknecht Machine             | Belgien<br>Brüssel -Rebeek | Sand<br>Graund-watter   | AVN 1200<br>20meter            |
|      |  | I T S Gmbh Fa Pfeiffer<br>Herrenknecht Machine | Germany<br>Völklingen      | rock-clay<br>40 -60 mph | AVN 1800 SPS<br>430meter       |
|      |  | I T S Gmbh Fa Pfeiffer<br>Herrenknecht Machine | Germany<br>Völklingen      | rock-clay<br>41 -60 mph | AVN 1800 SPS<br>510meter       |