

Referenzen / References

BRANDRAUCHVERSUCHE – FIRE AND SMOKE TESTS

Auszug ab 2015



REALBRAND-, BRANDRAUCH- UND WARM- RAUCHVERSUCHE:

1. Brandrauchversuche in Gebäuden:

- ▶ Sporthalle Hildegard-von-Bingen Gymnasium, Köln 2021
- ▶ Eifelwallarchiv, Köln 2020
- ▶ Allensteiner Straße, Gelsenkirchen, 2020
- ▶ Nordfrost, Vermold, 2020
- ▶ Hannibal II, Dortmund, 2020
- ▶ Galerie „Upper Zeil“, Frankfurt a. M., 2020, 2018
- ▶ Huawei-Gebäude, Weilheim in Oberbayern, 2019
- ▶ Experimenta, Heilbronn, 2019
- ▶ Halle H100, Fraport, Frankfurt a. M., 2019
- ▶ Opernwerkstätten, Hamburg, 2018
- ▶ DHL-Frachthalle, Fraport, Frankfurt a. M., 2018
- ▶ PEP Einkaufs-Center, München-Neuperlach, 2018
- ▶ Möbel Hardeck, Hilden, 2017
- ▶ Decathlon, Schwetzingen, 2017
- ▶ Atrium Ebert 13, Bonn, 2016
- ▶ Verbindungsbauwerk „Spindel“ zwischen dem Tunnel Kö-Bogen und den angrenzenden Tiefgaragen, Düsseldorf, 2016
- ▶ Diskothek Carpe Noctem, Bonn, 2016

REAL FIRE TESTS, FIRE AND SMOKE TESTS, HOT SMOKE TESTS:

1. Fire and smoke tests in buildings:

- ▶ Gym Hildegard-von-Bingen Gymnasium, Köln, 2021
- ▶ Eifelwall Archive, Köln 2020
- ▶ Allensteiner Straße, Gelsenkirchen, 2020
- ▶ Nordfrost, Vermold, 2020
- ▶ Hannibal II, Dortmund, 2020
- ▶ Shopping Center „Upper Zeil“, Frankfurt a. M., 2020, 2018
- ▶ Huawei building, Weilheim in Oberbayern, 2019
- ▶ Experimenta, Heilbronn, 2019
- ▶ Hall H100, Fraport, Frankfurt a. M., 2019
- ▶ Workshops of the Hamburg State Opera, Hamburg, 2018
- ▶ DHL cargo storehouse, Fraport, Frankfurt a. M., 2018
- ▶ PEP Shopping Center, München-Neuperlach, 2018
- ▶ Möbel Hardeck, Hilden, 2017
- ▶ Decathlon, Schwetzingen, 2017
- ▶ Atrium Ebert 13, Bonn, 2016
- ▶ Connection „Spindel“ between Kö-Bogen tunnel and adjacent underground car park, Düsseldorf, 2016
- ▶ Diskothek Carpe Noctem, Bonn, 2016

2. Brandrauchversuche in Straßentunneln:

- ▶ Tunnel Darmsheim, Kommission 581, 2022
- ▶ Engelbergtunnel, Leonberg, 2022
- ▶ Mönchwaldtunnel, Frankfurt, 2022
- ▶ Michaelstunnel, Karlsruhe, 2021
- ▶ Virngrundtunnel (A7), Ellenberg, 2020
- ▶ Burgbergtunnel, Bernkastel-Kues, 2020
- ▶ Tunnel B9, Bad Godesberg, 2020
- ▶ Kappelbergtunnel (B14), Fellbach, 2020
- ▶ Tunnel B9, Bonn, 2020
- ▶ Tunnel Grenzstraße, Köln, 2019
- ▶ Tunnel Velbert-Langenberg (L 107), 2019
- ▶ Petuertunnel, München, 2018, 2013
- ▶ Tunnel Darmsheim (L1182) Sindelfingen, 2018
- ▶ Lärmschutzeinhausung (A 1), Köln-Lövenich, 2018
- ▶ Engelbergtunnel (A 81 bei Loenberg), 2017
- ▶ Agnesburgtunnel, Aalen/Ellwangen, 2017
- ▶ Tunnel Pfaffenstein (A 93), Regensburg, 2017
- ▶ Meisterntunnel, Bad Wildbad, 2017
- ▶ Brudermühltunnel, Mittlerer Ring, München, 2017
- ▶ Tunnel Micheville, Esch-sur-Alzette, Luxemburg, 2016
- ▶ Bühlertunnel (B 62n), Siegen, 2016
- ▶ Tunnel Kö-Bogen (2. Bauabschnitt), Düsseldorf, 2016
- ▶ Tunnel Deggendorf, 2016
- ▶ Tunnel Schwarzer Berg (A 70), Eltmann, 2016
- ▶ Tunnel Grouft u. Tunnel Stafelter, Luxemburg, 2015
- ▶ Luise-Kiesselbach-Tunnel u. Heckenstaller-tunnel, München, 2015

2. Fire and smoke tests in road tunnels:

- ▶ Tunnel Darmsheim, commission 581, 2022
- ▶ Engelbergtunnel, Leonberg, 2022
- ▶ Mönchwaldtunnel, Frankfurt, 2022
- ▶ Michaelstunnel, Karlsruhe, 2021
- ▶ Virngrundtunnel (A7), Ellenberg, 2020
- ▶ Burgbergtunnel, Bernkastel-Kues, 2020
- ▶ Tunnel B9, Bad Godesberg, 2020
- ▶ Kappelbergtunnel (B14), Fellbach, 2020
- ▶ Tunnel B9, Bonn, 2020
- ▶ Tunnel Grenzstraße, Köln, 2019
- ▶ Tunnel Velbert-Langenberg (L 107), 2019
- ▶ Petuertunnel, Munich, 2018, 2013
- ▶ Tunnel Darmsheim (L1182) Sindelfingen, 2018
- ▶ Köln-Lövenich noise protection tunnel (A 1), 2018
- ▶ Engelbergtunnel (A 81 bei Loenberg), 2017
- ▶ Agnesburgtunnel, Aalen/Ellwangen, 2017
- ▶ Tunnel Pfaffenstein (A 93), Regensburg, 2017
- ▶ Meisterntunnel, Bad Wildbad, 2017
- ▶ Brudermühltunnel, Mittlerer Ring, Munich, 2017
- ▶ Tunnel Micheville, Esch-sur-Alzette, Luxemburg, 2016
- ▶ Bühlertunnel (B 62n), Siegen, 2016
- ▶ Tunnel Kö-Bogen (2nd section of construction), Düsseldorf, 2016
- ▶ Tunnel Deggendorf, 2016
- ▶ Tunnel Schwarzer Berg (A 70), Eltmann, 2016
- ▶ Grouft and Stafelter Tunnel, Luxemburg, 2015
- ▶ Luise-Kiesselbach-Tunnel a. Heckenstaller-tunnel, Munich, 2015

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| <p>3. Brandrauchversuche in Parkhäusern und Tiefgaragen:</p> <ul style="list-style-type: none">▶ Intercity Hotel, Wiesbaden 2021▶ WIKA, Klingenberg, 2019▶ Kuhwaldstraße, Frankfurt a. M., 2018▶ Reglermauer, Erfurt, 2016▶ T8 Taunusanlage, Frankfurt a. M., 2016 | <p>3. Fire and smoke tests in car parks and underground garage:</p> <ul style="list-style-type: none">▶ Intercity Hotel, Wiesbaden 2021▶ WIKA, Klingenberg, 2019▶ Kuhwaldstraße, Frankfurt a. M., 2018▶ Car park Reglermauer, Erfurt, 2016▶ T8 Taunusanlage, Frankfurt a. M., 2016 |
| <p>4. Brandrauchversuche in Industriegebäuden:</p> <ul style="list-style-type: none">▶ Pumpspeicherkraftwerk Vianden, Luxemburg, 2016▶ Schluchseewerke AG, Bad Säckingen und Wehr, 2015 | <p>4. Fire and smoke tests in industrial buildings:</p> <ul style="list-style-type: none">▶ Pumpspeicherkraftwerk Vianden, Luxemburg, 2016▶ Schluchseewerke AG, Bad Säckingen and Wehr, 2015 |
| <p>5. Brandrauchversuche für Feuerwehrlübungen:</p> <ul style="list-style-type: none">▶ Sünchentunnel (B 29), Waiblingen, 2021▶ Engelbergtunnel, Leonberg, 2019▶ Tunnel Leutenbach (B 14), 2017 | <p>5. Fire and smoke tests for fire drills:</p> <ul style="list-style-type: none">▶ Sünchentunnel (B29), Waiblingen, 2021▶ Engelbergtunnel, Leonberg, 2019▶ Tunnel Leutenbach (B 14), 2017 |