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Rosalie Hairwassers (2011-2011)

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This sad story is about the short life of Rosalie Hairwassers. She was born on June 19 2011 and she died on November 2 of that year. She died because two heavy speaker boxes landed on her and her mother Yvonne van Baal in indoor swimming pool 'de Reeshof' in Tilburg. Yvonne got injured. The circumstances surrounding her death are unknown. In every civilized country an investigation is being executed but not in the Netherlands. This paper explains how this is possible.

Gag order

The rumor goes that Rosalie Hairwassers died because of environmental cracking of stainless steel. It's known that the chloramine in the swimming pool atmosphere may cause environmental cracking on cold worked stainless steel items such as fasteners and hanging constructions. But no investigation has been done. According to the Law in the Netherlands the bereaved, in this case Yvonne van Baal and Jeroen Hairwassers, can demand for an investigation. Also the relevant authority can start an investigation if he thinks the circumstances are suspicious. In this case the relevant authority was the mayor of the city of Tilburg, Peter Noordanus. Currently the mayor of Tilburg is Theo Weterings.

The parents and (persons within) the city of Tilburg probably received a compensation of the Bundesministerium für Wirtschaft und Energie in Berlin. This is normal, Boeing is also doing this in case of an aircrash when Boeing is to blame. However Boeing is doing this openly and the Bundesministerium is doing this in secret. This cannot bear the light of day. Probably they signed for a gag order. The evidence is that indeed no investigation has been done up to today. The one who signed on behalf of the city of Tilburg probably is the former Alderman Jan Hamming, now the mayor of Zaanstad. In this case of a fatal accident, the counselor of the city of Tilburg is the Vereniging Sport en Gemeenten (VSG) of André de Jeu. The parents can sign for a nondisclosure clause, probably they even did not realize what they signed for, but for the relevant authority (the city of Tilburg) this is illegal.

Twelve times Stientje van Veldhoven (D66) and Jessica van Eijs (D66) of the Dutch Parliament asked questions about Rosalie Hairwassers to the ministers of Justice and the minister of internal affairs. The death of Rosalie Hairwassers resulted in the following:

A report of TNO for the Dutch parliament

A report of the Mulier Institute for the Dutch parliament

A report of Arcadis for the Dutch parliament

A NEN Standard

A Bouwbesluit (a building Law)

A NACE Standard

An ANSI-ISO Standard (under construction)

And still we don't know what happened. Maybe the bolts loosened as caused by the vibration of the speakerboxes during the music? Nobody knows what happened.



The crime scene. The infant pool of swimming pool de Reeshof on November 2 2011, where the accident happened. All evidence has been embezzled and up to this date it's missing.

Culpable homicide

Two ladies were suspect of culpable homicide. Totally unjustified. Most names in this paper are more suspect of culpable homicide than those two ladies are. But there is only one guilty person and that is Stainless S. (SS). We can rightly say: "SS-Assassin". The public prosecutor Mr. Emmen of the court in Breda did not do well.

EFC, NCI, Bond voor Materialenkennis

One would expect that the Dutch materials and corrosion scientists would have demanded for an investigation. Nothing of this. Prof.-Dr.-Ir. Arjan Mol, President of the European Federation of Corrosion (EFC), is still looking the other side. Also Jacko Aerts of DSM and Jack Tulp of the Studiekern Corrosie, de Bond voor Materialenkennis and the Nederlands Corrosie Initiatief (NCI) do nothing. They keep their mouth shut as ordered from Berlin.

NACE Standard

Because of Rosalie Hairwassers, Ing. Jan Heselmans of Corrodium BV took the initiative for a NACE Standard with the following title: "Materials selection of fasteners and hanging construction in the atmosphere of indoor swimming pools". During the NACE Conference in Houston (2012) he presented this subject in many NACE committees and in 2013 during the NACE Conference in Orlando the Standard Committee NACE TG 498 was established, >100 NACE scientists voted unanimously in favor for this safety Standard. The following members of NACE TG 498: Prof.-Dr. Thomas Ladwein (TU Aalen D, Chair NACE Europe), Dr.-Ing. Ralph Bässler (BAM Berlijn, Bundesministerium für Wirtschaft und Technologie), Dr. Russell D. Kane (I-Corr USA), Dr. James Fritz (TMR Stainless USA), Dr. John Grubb (USA), Dr.-Ing Troels Mathiesen (vice Chair, Force Technology DK), Dr. David Twigg (Canada), Ir. Léon Overduin (Syntec 2000 NL) and Ing. Jan Heselmans (Chair, Corrodium NL). NACE TG 498 is leaded by NACE TCC, the Technical Coordination Committee (Chair Drew Hevle van Kinder Morgan USA). With the following umbrella committees: NACE S, "Corrosion Science" of Jose Vera van DNV USA, NACE STG 60, "Corrosion Mechanisms" of Lorrie Krebs of Andersons Materials USA, NACE STG 02, "Coatings and Linings", with the Chair Art McKinnon from Texas USA, NACE STG 39 " Process Industries—Materials Applications and Experiences" of Gary Whittaker (UK) and Linda Goldberg and Everett Bradshaw from Houston TX as NACE Staff.

In 2013, more than a hundred NACE scientists unanimously voted in favor for this NACE standard for a better safety. However, in 2016 NACE decided, for their own reasons, to disband NACE TG 498 without publishing the successful NACE Standard.

Dutch swimming pool branche

Without any doubt the Dutch swimming pool branch is responsible for the accident with Rosalie Hairwassers. Within the Netherlands, every year at least 10 accidents with stainless steel happen, all swept under the carpet by the VSG. The swimming pool branch is the VSG, the Vereniging Sport en Gemeenten of André de Jeu (former Sportfondsen BV). By far most cities and municipals are member of the VSG. The VSG also has company members like Sportfondsen BV, Pellikaan Bouwbedrijf BV, Vaessen Algemeen Bouwbedrijf BV and Hellebrekers Technieken BV. Authorities and their suppliers in one club, this goes wrong and in this case it did go wrong. The tax payer is the bobbin. The VSG also is responsible for EURO 10 million damage on annual base with regard to this subject. Take for example swimming pool de Schelp in Bergen op Zoom. Based on the Law (the Bouwbesluit art. 5.12), they closed this swimming pool during 1,5 year because of stainless steel bolts in the main construction and in the roof construction of the

building. They had to build scaffolding, remove ceilings and paneling. The damage for replacing the thousands of dangerous stainless steel M20 bolts by safe galvanized steel ones is EURO 2,3 million. When they built this swimming pool in 1998, the dangers of stainless steels were known for 13 years. With right we can accuse the builder and the VSG of negligence. Recently Arcadis made a report for the Dutch parliament about this subject. Eighty percent of the Dutch swimming pools is unsafe. Who is going to be held liable for this?

Corrosion of metal

Sportfondsen BV and the VSG say that Rosalie Hairwassers died because of corrosion of 'metal'. This is in newspapers, on TV, on the internet and it's explained during court cases about Rosalie Hairwassers. And even this is in the NEN Standard NPR 9200. The title of the NPR 9200 is: "Metal hanging constructions and fasteners in indoor swimming pools". NACE International stated to the judge: *"Your honor, Rosalie Hairwassers died because of corrosion of metal"*.

ANSI-ISO Standard

Since 1985 this problem has caused in average 2 stainless steel related fatalities and 11 injured every year. It's time for an ANSI-ISO Standard one would say. ANSI is the standardization organization of the USA and NEN is the standardization organization of the Netherlands. The Onderzoeksraad voor Veiligheid (OvV, Dutch Safety Board) looks after the safety in the Netherlands and previously was being led by the Royal professor Mr. Pieter van Vollenhoven. NEN, the OvV and Corrodium BV took the initiative to find out about support for this ANSI-ISO Standard about a better safety in the swimming pools. At least five countries must participate. In March 2019 the annual NACE Conference was organized in Nashville TN. This was the ideal moment to get this on the agenda of ANSI one would say. NACE TCC is the Technical Coordination Committee, the only committee within NACE who can put this on the ANSI agenda. Jan Heselmans asked senior NACE officers such as Dr. Russell D. Kane, Dr. Raul Rebak of General Electric, Dr. Drew Hevle of Kinder Morgan, Dr.-Ing. Troels Mathiesen of Force Technology in Denmark, Ir. Leon Overduin of NACE Europe, Dr.-Ir. Sytze Huizinga of Shell, Ir. John Houben of Exxon Mobil and Dr. Amir Eliezer from Israel to insert this topic in the NACE TCC meeting in order to request ANSI to join the ISO committee.

Not a word about this subject during this NACE TCC 2019 meeting in Nashville TN. In Europe we have the safety standard EN 13451-1 and in the USA they have nothing. In Bergen op Zoom, they are repairing construction faults for EURO 2,3 million and in the USA they build new swimming pools with identical construction faults. Who is going to be held liable for this abuse?

Conclusions and Recommendations

We can rightly say: "SS-Assassin".

In order to solve this problem we need a technical-scientific investigation about the circumstances surrounding the death of Rosalie Hairwassers. And we need an ANSI-ISO Standard on this subject.