Errata


Chapter 1, page 6, paragraph 2;

These metals, if found in drinking water could cause strong repercussions on human health [Thevanin, 2003].

Correction;

These metals, if found in drinking water could cause strong repercussions on human health [Thevenin, 2003].

Chapter 2, page 12, paragraph 2;

Medium and small-scale turbines on advanced cycles (Humid Air Turbine (HAT) or Evaporative Gas Turbine (EvGT) and Steam Injected Gas Turbine (STIG) also have the mechanical efficiency in the order of 50 percent while being operated as stand alone units.

Correction;

Medium and small-scale turbines on advanced cycles (Humid Air Turbine (HAT) or Evaporative Gas Turbine (EvGT) and Steam Injected Gas Turbine (STIG) also have the mechanical efficiency in the order of 30- 40 percent while being operated as standalone units.

Chapter 2, page 14, paragraph 1;

Most strict regulations implemented on NOx emissions are found in the California state of USA, which demands less than 5 ppm of NOx in power production.

Correction;

Most strict regulations implemented on NOx emissions are found in the California state of USA, which demands less than 2.5 ppm of NOx in power production.

Chapter 2, page 15, paragraph 4;

However, apart from the issues of the limitation of NOx reduction to higher ppm level and increased amounts of CO and UHC the high cost of operation has slowed down the use of water/stem injection cycles

Correction;

However, apart from the issues of the limitation of NOx reduction and increased amounts of CO and UHC the high cost of operation has slowed down the use of water/stem injection cycles

Chapter 2, page 16, paragraph 2;

The DLN gas turbines are installed in areas where the most stringent emission levels are imposed (less than 5 ppm) and have to be incorporated with an exhaust cleaning system.
Correction;

The DLN gas turbines are installed in areas where the most stringent emission levels are imposed (less than 2.5 ppm) and have to be incorporated with an exhaust cleaning system.

Chapter 8, page 67, table 8.1;

| 8 | 2 | Ru-LaMnO$_3$ on Al$_2$O$_3$ | Methane | 30 x 8 |
|   |   |                          |         | 30 x 18 |
|   |   |                          |         | 600 cpsi |

Correction;

| 8 | 2 | Rh-LaMnO$_3$ on Al$_2$O$_3$ | Methane | 30 x 8 |
|   |   |                          |         | 30 x 18 |
|   |   |                          |         | 600 cpsi |

Chapter 9, Page 98, under paper 5;

Experiments were conducted by Jeevan Jayasuriya and Arturo Manrique of the division of Heat and Power Technology together with collaborative partner Anders Ersson of Chemical Technology, KTH. Publication was originated, structured and written by Jeevan Jayasuriya while the co-authors have contributed by reviewing and suggesting improvements before the final draft was sent for conference reviewing. Paper was presented by Arturo Manrique at the ASME Turbo Expo Conference held in Barcelona, Spain 2006.

Correction;

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Chapter 9, Page 99, under paper 6;

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Correction;

Experiments and preliminary analysis were performed by Arturo Manrique of the division of Heat and Power Technology together with collaborative partner Martin Vozesky of Chemical Technology, KTH. Publication was originated, structured and written by Jeevan Jayasuriya and Arturo Manrique Carrera, co-authors have contributed by reviewing and suggesting improvements before the final draft was sent for conference reviewing. Paper was presented by Arturo Manrique at the ASME Turbo Expo Conference held in Barcelona, Spain 2006.

Results of this paper will be discussed in more detail in Arturo Manrique’s PhD thesis to be defended in early 2014

Chapter 9, Page 101, under paper 9;

Experiments were performed and analyzed at the department of Energy Technology by Jeevan Jayasuriya and Arturo Manrique.

Paper was originated by Arturo Manrique and written by Jeevan Jayasuriya and Arturo Manrique. Paper was presented by Arturo Manrique at the ASME Turbo Expo Conference held in San Antonio, USA in 2013.

Correction;

Experiments were performed and analyzed at the department of Energy Technology by Arturo Manrique with the assistance of Jeevan Jayasuriya.

Paper was originated and written by Arturo Manrique while Jeevan Jayasuriya has done the final review. Paper was presented by Arturo Manrique at the ASME Turbo Expo Conference held in San Antonio, USA in 2013.

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Chapter 9, Page 101, under paper 9;

This work was performed at the department Energy Technology at KTH with collaboration of Instituto di Ricerche Sulla Combustione in Naples-Italy.

Paper was originated by Arturo Manrique and written by Jeevan Jayasuriya and Arturo Manrique. Paper was presented by Arturo at the ASME Turbo Expo Conference held in San Antonio, USA in 2013.

Correction;

This work was performed at the department Energy Technology at KTH with catalysts developed at Instituto di Ricerche Sulla Combustione in Naples-Italy.

Experiments were performed and analyzed at the department of Energy Technology by Arturo Manrique with the assistance of Jeevan Jayasuriya.
Paper was originated and written by Arturo Manrique while Jeevan Jayasuriya has done the final review. Paper was presented by Arturo Manrique at the ASME Turbo Expo Conference held in San Antonio, USA in 2013.

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