8 REFERENCES

[1]. Amit Kumar Singh Parihar, Chandrasekhar Joshi and S Sridhar, *"Performance of cyclone for producer gas cleaning: experimental and modeling studies*" Siemens Corporate Research and Technologies, Bangalore, India

[2]. D. Noriler, A.A. Vegan, C. Soars, A.A.C. Barros, H.F. Meier, & M. Mori, "A New role to reduce pressure drop in cyclones using computational fluid dynamic *techniques"*

[3]. Joao Jaime, & Milton Mori, "*Computational fluid dynamics (CFD) Analysis of cyclone separator connected in series."* Department of chemical engineering, university of Blumenau (FURB), Blumenau Santa Catarina SC 89010-971, Brazil.

[4]. John Dirge, & David Leitch, *"Cyclone collection efficiency; comparison experimental results with theoretical predictions*." (https://doi.org/10.1080/027868285/08959066)

[5]. Lacier Sing Brar, & Amit Kumara, "*CFD simulation of cyclone separators with different diameters" Department* of mechanical engineering B.T.T Mesra, Ranchi 835215, India.

[6]. Marek Wasilewski, W.S.K.I, Jerzy, "*Application of computational fluid dynamics to optimization of cyclone dust separators, operated in the cement industry*" DUDA- faculty of production engineering and logistics, Opole. University of technology, Poland

[7]. P. A Funk, K. Elayed, K.M Yeater, G.A Holt, D.P White lock, "*Could cyclone performance improve with reduced inlet velocity*?"

[8]. Seyed Ehsan Rafiee, M.M Sadeghiazad, *"Experimental and 3D CFD analysis on optimization of geometrical parameters of parallel vortex tube cyclone separator"*

[9]. Simon LiziaParaschiv, Spiruparaschiv, "*Analysis of cyclone collection efficiency*" Dunarea de jos university, Galati, Romania

[10]. Sujeet Kumar Shukla, Prashant Shukla, Pradyumna Ghosh, *"The effect of modeling of velocity fluctuations on prediction of collection efficiency of cyclone separators"*

[11]. V. Singh, S. Srivastava, R. Chaval, V. Vitankar, B. Basu, M.C. Agrawal, *"Simulation of gas-solid flow and design modification of cement plant cyclones"*

[12]. *"The effect of the particle size and input velocity on cyclone separator process* Bulletin of the Transylvania university of Brasov. Series 11: forestry. Wood industry. Agriculture food engineering. vol.4(53) no.2-2011M.MARINUC F.RUS

[13]. R.H. Perry and D. W Green, "Gas solid separation," in Perry's Chemical Engineer' Handbook ,7th ed. McGrown-Hill,1997, ch.17, pp.17.23-17.31.

[14]. You tube video's

CFD ANSYS Tutorial – Cyclone separator theory and simulation using DPM | Fluent

CFD Cyclone Simulation

Cyclone Separator Performance Validation with ANSYS – Solid Trust

CFD Tutorial-Cyclone Separator Eulerian model