The main focus of this bachelor's thesis is to present the applications and conditions of using psychodiagnostic methods for employee assessment. A detailed discussion of the use of the competency model as one way of identifying the new employee requirements is presented. The thesis further focuses on describing individual psychodiagnostic selection methods, their advantages and their limits. The thesis explains some of the ethical aspects of using those methods and it emphasizes the key characteristics of the psychodiagnostic methods used in the selection process. Attention is placed on the importance of psychodiagnostic methods being administered by a professional to achieve the full benefits and avoid the potential risks. The last part of this thesis illustrates how employee assessment could be done using psychodiagnostic methods. These methods are used in the context of the competency model which has been created based on requirements of the chosen company.